

Corporate Office : 2nd Floor, Subham Veloc 2 :- +91 - 361 - 2344211, 2344212, e-mail :

To,

The Member Secretary, -> Sent via e-mail dated 11-11-2024 as per vide Pollution control Board of Assam, letter no. WB/GUW/T-1408/Pt-1/09-10/53 Bamunimaidan, Guwahati - 21 dated - 06-05-2023 (PCBA letter)

(Sub:- Submission of Half Yearly Compliance Report for the period from April 2024 to September 2024)

Sir,

We are hereby furnishing the half yearly compliance report (hard copy and soft copy) for the period from 01/04/2024 to 30/09/2024 on Environmental Stipulations for Expansion of Cement Plant (from 500 TPD-1000 TPD), Cement Grinding Unit at Dag. No. 292,287,286,296, Patta No. 27 & 41, Village – Bhamoraguri, Gaon Panchayat – Kuhumtali, Sub-Division Samaguri, Nagaon by M/s K.D. Cements – Environmental Clearance Letter No. SEIAA.47/2013/78; Dated 25th March 2014.

This is for your kind information and perusal. You are requested to kindly acknowledge the receipt of the same .

Thanking you.

Yours faithfully For K.D. Cementsents

(Authorised Signatory)



Encl:- As stated above

Copy to:-

- (1) The MoEF, North Eastern Regional Office, Shillong, Meghalaya.
- (2) The Member Secretary, State Environment Impact Assessment Authority, Assam
- (3) The Senior Environmental Engineer, Regional Office, Assam Pollution Control Board, Nagaon (Assam)

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	Sent Items Sent Item Sent Sent Item Sent Item Sent Item Se	Environmental Compliance Report for the period from April 2024 to September 2024. KD Cements [factory@topcem.in] Mon II 41.2024 05.37 Memore rectar; @Dissen.org Memore rectar; @Dissen.org Message @ Compliance Report #pml 2024 to Sep 2024.merged-compressed.pdf (7 NB) Reference : Your Office Letter no.WB/GUW/1-1408/Pt-1/09-10/53/280, DT.06.05.2023 Sr. Please find attached herewith Environmental Compliance Report for the period from April 2024 to September 2024. Yourn faithfully Pradip Kumar Raut KD.Cements Bliominaguri P.D.Rargagoria Nagaon,Assam
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Half yearly Compliance Report for the period from April 2024 to September 2024 on Environmental Stipulations for Expansion of Cement Plant (from 500 TPD-1000 TPD), Cement Grinding Unit at Dag. No. 292,287,286,296, Patta No. 27 & 41, Village – Bhamoraguri, Gaon Panchayat – Kuhumtali, Sub- Division Samaguri, Nagaon by M/s K.D. Cements – Environmental Clearance Letter No. SEIAA.47/2013/78 dated 25th March 2014

Sl. No. as per letter dated 25 th March' 2014 of State Environment Impact Assessment Authority		Action to be taken	Compliance	
SPEC	IFIC CONDITIONS			
(1)	Other necessary statutory clearances from the concerned Departments including 'No Objection Certificate' from the Pollution Control Board, Assam shall be obtained.	statutory clearance certificate from the concerned department and act		
(2) Cement Grinding should be carried out in closed cement mill and stack emissions from various sources shall not exceed 50 mg/Nm3. As proposed, cyclone separator followed by reverse pulse jet type bag filter shall be provided along with stacks of adequate height as per the CPCB guidelines to control gaseous emission below 50 mg / Nm3. Stacks of adequate height shall be provided to DG sets. Continuous on – line monitors for particulate emissions shall be installed in stacks. Interlocking facility shall be provided in the pollution control equipment so that in the event of		in closed circuit cement mill and reverse pulse jet type has filter with	Complied With. Adequate heights	
3)	Ambient air quality monitoring stations (AAQMS) shall be set up as per requirement in consultation with the SEIAA Assam, Assam Pollution Control Board (ASPCB). Ambient air quality including ambient noise monitoring shall be carried out regularly in consultation	AAQ monitoring station has been set up as per the guideline given by ASPCB. All the monitoring works such as AAQ, Noise, Stack & fugitive are being carried out by third party and the report are maintained accordingly and are	Complied With. AAQ monitoring station has provided, as per the guideline.	

	with SEIAA Assam and must not exceed the standards stipulated under EPA. Monitoring reports for ambient air, stack and fugitive emissions shall be submitted to the SEIAA, Assam, Regional Office MOEF at Shillong and PCB, Assam half-yearly. The instruments used for ambient air quality monitoring shall be calibrated time to time.	half yearly basis. The calibration is being done time to time for the instruments used for AAQ monitoring by the third party.	
(4)	The company shall install adequate dust collection and extraction system to control fugitive dust emissions at loading / unloading points and all the transfer points. Dust extraction systems comprising of hoods, ducts, bag house, ID Fans and exhaust ducts shall be provided to control the dispersion of fugitive dust. Bag filters shall be provided for de-dusting of storages and auxiliaries in different departments to control fugitive emissions. Fugitive dust emissions from all the sources including storage areas shall be collected in bag filters and recycled back to the process. Storage of raw material shall be in closed roof sheds. Water sprinkling arrangement shall be made in the raw material stock yard and cement bag loading areas.	The company has installed adequate nuisance bag filters for controlling the fugitive dust emission at particular places. The dust collected is being recycled back in the process. A closed roof shade has constructed for the storage of raw materials, water sprinkler are provided in the raw materials stock yard and cement bags loading area.	Complied With. Nuisance bag filters has provided to mitigate the fugitive dust emission. Water sprinkling is being done to control fugitive dust emission
(5)	Asphalting/Concreting of roads and water spray all round the stock yard and loading / unloading areas in the cement plant shall be carried out to control fugitive emissions. Regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of PM and RSPM such as haul road, loading and unloading points, transfer points and other vulnerable areas. It's shall be ensured that the ambient air quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.	In order to control fugitive dust emission, regular water sprinkling is being done in all over the plant premises and especially in critical dust prone areas for maintaining the standard limit given by the CPCB. The company has completed at least 95% of concreting of internal road of factory premises.	Complied With. Water sprinkling is being done to control fugitive dust emission

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lucts on the surrounding ronment including agricultural land. the raw materials should be sported in the closed containers only should not be overloaded. Vehicular ssions shall be regularly monitored comply standard limit.	with proper precautions and vehicular emission is being monitored regularly.	Complied With.
ent plant shall not exceed 16m3 /day. ifier and sludge pond shall be		Complied With.
suppression and green belt clopment inside - the plant premises. liquid effluent shall be discharged in the process outside the premises all the treated wastewater shall be zed for green belt development and ir plant related activities 'Zero' nent discharge shall be maintained. nestic wastewater shall be treated agh septic tank and dispose off	form 16 m ³ /day for industrial and domestic process. Company is complying 'Zero' discharge. The domestic waste water is being treated and dispose off through soak pit Hence the mentioned limit is maintained.	Water consumption is being monitored on regular basis.
r 'Permission' for drawl of tional quantity of 4m3 /day ground er from the State Ground Water rd / Central Ground Water Authority WB / CGWA) shall be obtained and py submitted to the SEIAA, Assam in 3 months of issue of		Agreed to complied With
ution control equipments shall be berly recycled and reutilized in the ent plant itself. No solid waste shall discharged from the grinding unit. ated domestic sludge shall be used as nure for green belt development. d/ spent oil shall be sold to	Solid waste generated from the air pollution control equipment are being properly collected and reutilized in the plant itself. No solid waste is discharged and treated domestic sludge is used as manure for green belt development.	Complied With Solid waste from pollution control equipment is being utilized with raw materials.
	ated wastewater shall be utilized for suppression and green belt elopment inside - the plant premises. liquid effluent shall be discharged in the process outside the premises all the treated wastewater shall be zed for green belt development and ir plant related activities 'Zero' nent discharge shall be maintained. mestic wastewater shall be treated ugh septic tank and dispose off ugh soak pit. or 'Permission' for drawl of itional quantity of 4m3 /day ground er from the State Ground Water rd / Central Ground Water Authority WB / CGWA) shall be obtained and opy submitted to the SEIAA, Assam nin 3 months of issue of ironmental clearance letter. d waste viz dust generated from air ution control equipments shall be perly recycled and reutilized in the nent plant itself. No solid waste shall discharged from the grinding unit. ated domestic sludge shall be used as nure for green belt development. d/ spent oil shall be 'sold to	 ted wastewater shall be utilized for suppression and green belt elopment inside - the plant premises. liquid effluent shall be discharged in the process outside the premises all the treated wastewater shall be zed for green belt development and r plant related activities 'Zero' nent discharge shall be maintained. nestic wastewater shall be treated ugh septic tank and dispose off ugh soak pit. r 'Permission' for drawl of itional quantity of 4m3 /day ground er from the State Ground Water rd / Central Ground Water Authority WB / CGWA) shall be obtained and opy submitted to the SEIAA, Assam in 3 months of issue of ironmental clearance letter. d waste viz dust generated from air ution control equipments shall be perly recycled and reutilized in the ent plant itself. No solid waste shall discharged from the grinding unit. ated domestic sfudge shall be used as nure for green belt development. d spent oil shall be sold to

(10)	As proposed, green belt shall developed in 7,548 m ² (33%) out of total 22,872 m ² area mitigate the impact of fugitive emissions in an around the expansion project as per the CPCB and action plan is to be submitted to SEIAA, Assam.	Development of green belt up to 33% of the project area i.e. 7,548 m3 of land is developed as green belt.	Complied With Plantation Phographs attached at Annexure -II
(11)	All the recommendations mentioned in the Corporate Social Responsibility or Environmental Protection (CREP) shall be followed and complied.	The company abides to follow and comply all the recommendations mentioned in the CSR or CREP activities.	Complied with
(12)	Rain water harvesting measures shall be adopted. The Company must also harvest the rain water from the roof tops and storm water drains to recharge the ground water and used the same water for the various activities of the project to conserve fresh water. Action taken so far in this regard shall be intimated to SEIAA, Assam.	Rain water harvesting measure has taken by the company.	Complied with
(13)	Excess water along storm water during monsoon should not be discharged into the surrounding low lying area. The storm water during monsoon will be collected in a pond and after appropriate treatment shall be stored in a reservoir for use in plantation, dust suppression etc.	The company has excavated a pond for collection of excess water along storm water during monsoon and after appropriate treatment it is stored in reservoir for use in plantation and dust suppression etc.	Complied with
(14)	Fly ash shall be collected in dry form and storage facility (silos) shall be provided. 100% fly ash utilization shall be ensured as per fly ash notification of MoEF, Government of India. Utilized fly ash and bottom ash shall be stored in the ash pond separately through high concentration slurry disposal method. Mercury - levels along with other heavy metals (Pb, Cr, As, etc.) should monitored in the fly ash / bottom ash, leachates and effluents emanating from the ash pond. Ash pond shall be lined with HDPE / LDPE lining or any other suitable impermeable media such that no leachate takes place at any point of time. Adequate safety measures shall also be implemented to protect the ash dyke	closed storage facility and 100% fly ash is utilized in the process. Adequate safety measures are provided. No wet fly ash is being utilized by the company.	Complied With

	from getting breached.		
(15)	Adequate safety measures shall be provided in the plant area to check / minimize spontaneous fires in coal yard, especially during summer season. Details of these measures to be taken along with location plant layout shall be submitted to the SEIAA, Assam.	Safety manual and procedures are defined and well maintained to check any likely accidents/incidents. Since, coal is not being used by company for manufacturing process, chances of spontaneous fires in coal is nil. For other fire accident adequate safety measures are implemented.	Complied With.
16)	Storage facility for auxiliary liquid fuel such as LDO and HFO/LSHS shall be made in the plant area where risk is Minimum. On site and off site Disaster Management Plans shall be prepared to meet any eventuality in case of an accident taking place. Mock drills shall be conduct regularly and based on the same, modifications required, if any shall be incorporated in the Disaster Management Plan (DMP). Sulfur content in the liquid fuel will not exceed 0.5%.	Disaster management plan to meet the eventuality in case of accident has prepared and defined. Mock drill is being conducted regularly accordingly. Sulfur content of liquid fuel is also being monitored.	Complied With
17)	Regular monitoring of ground water in and around the ash pond shall be carried out, records maintained and half yearly reports shall be furnished to the SEIAA, Assam.	As 100% dry fly ash is being utilized in the process and so no ash pond is required, therefore contamination of ground water due to wet ash is not possible.	Complied With
18)	First aid and sanitation arrangements shall be made for the drivers and other contract workers.	First aid & sanitation arrangements are made for the workers.	Complied With
19)	An Environmental Cell comprising of at least one expert in environmental science / engineering, occupational health and social scientist, shall be created at the project site itself and shall be headed by an officer of appropriate superiority and qualification. It shall be ensured that the Head of the Cell shall directly report to the head of the organization and he shall be held responsible for implementation of environmental regulations and social impact improvement/ mitigation	The company has appointed an EHS officer to monitor and mitigate environmental measures.	Complied With

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(20)	The company shall provide housing for labour within the site with all necessary infrastructure and facilities such as fuel for cooking, toilets, STP, Safe drinking water, medical health care, etc.	step in this regards by constructing a residential colony, medical health	
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A. GENERAL CONDITIONS

In respect of the Cement Grinding Unit the following general conditions shall be adhered to the project proponent:

(1)	The project authority must adhere to the stipulations made by Pollution Control Board (Assam) and State Government.	The company adheres the stipulation made by PCB Assam & state government	Agreed for compliance.
(2)	No further expansion or modification of the plant shall be carried out without prior approval of SEIAA, Assam.	The company assures that no further expansion or modification of plant shall be carried out without prior approval of SIEAA.	Agreed for compliance.
(3)	At least four ambient air quality – monitoring stations shall be established in the downward direction as well as where maximum ground level concentration of $PM_{2.5}$, PM_{10} , SO_2 and Nox are anticipated in consultation with the SEIAA, Assam, and PCB Assam. Data on ambient air quality and stack emissions shall be regularly submitted to this SEIAA, Assam, Regional Office, MoEF at Shillong once in six months.	tions shall be established and direction as well as monitoring is being carried out on regular basis and the reports are submitted to respective boards on half yearly basis. Sam, and PCB Assam, and PCB Assam, ent air quality and stack be regularly submitted to Assam, Regional Office, $Assam, AAQ/Stack emission monitoring is being carried out on regular basis and the reports are submitted to respective boards on half yearly basis.$	
(4)	Industrial waste water shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19 th May'1993 and 31 st December'1993 or as amended from time to time. The treated wastewater shall be utilized for plantation purpose.	There is no generation of industrial waste water in our plant premises.	Complied With

(5)	The overall noise levels in and around the plant area shall be kept well within the standards (75dBA in day time) by providing noise control measures including acoustic hoods, silencers,	The overall noise levels are monitored and are kept within the standard prescribed limit as specified under EPA 1986.	Complied With
	enclosures etc. on all sources of noise generation. The ambient noise levels should conform to the standards prescribed under Environmental (Protection) Act,1986 Rules, viz 75dBA (day time) and 70dBA(night time)		
(6)	Proper housekeeping and adequate occupational health programmes must be taken up. All the persons working in the sensitive areas shall wear protective covers. Occupational Health Surveillance programme shall be done on a regular basis and records maintained. The programme must include lung function and sputum analysis test once in six month.	The company has maintained housekeeping inside plant premises and provided PPE's for all workers/staffs working in the company. Health surveillance program are organized time to time.	Complied With
(7)	The company shall undertake eco- development measures including community welfare measures in the project area.	The company has undertaken the eco-development and community welfare measures in the project area.	Complied With
(8)	The Project Proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP.	The PP complies all the environmental protection measures and safeguards recommended in EIA/EMP.	Complied With
9)	A separate environmental management cell with full fledged laboratory facilities to carry out various management and monitoring functions shall be set up under the control of Senior Executive.	The company has separate environment management team with full fledged laboratory facilities to carry out management and monitoring fuctions directly under the control of senior executive	Complied with Photographs At Annexure-III

(10)	Adequate funds shall be earmarked towards capital cost and recurring cost/annum for environmental pollution control measures and judiciously utilized for the implementation of conditions stipulated by the Ministry of Environment and Forests as well as the State Govt. The funds so provided shall not be diverted for any other purposes.	The company has managed the separate accounts for the fund of the environmental protection and aspects. The detailed expenditure is submitted to concerned board time to time.	Complied With
(11)	The SEIAA, Assam shall monitor the stipulated conditions. A six monthly compliance report and the monitored data along with statistical interpretation shall be submitted to them regularly.	The compliance report and the monitored data along with statically inter predation will be submitted to SIEAA, Assam on half yearly basis.	Complied With
(12)	The Project Authorities shall inform the SEIAA, Assam as well as the RO MoEF, the date of the financial closure and final approval of the project by the concerned authorities and the date of commencing the expansion project.	The company assures that before commencing the expansion project, prior information would be given to SIEAA, Assam as well as RO MoEF respectively.	Agreed for compliance.
(13)	The Project Proponent should inform the public that the project has been accorded Environment Clearance by the SEIAA, Assam and will be seen at Website of the SEIAA, Assam.	The company has given advertisement of EC Clearance to the local news paper and also mentioned that it could be seen at website of the SEIAA, Assam.	Complied With
(14)	The SEIAA, Assam or any competent authority may stipulate any further condition(s) on receiving reports from the project authorities. The above conditions shall be monitored by the SEIAA, Assam.	The company agrees to the stipulated conditions.	Agreed for compliance.
	The SEIAA, Assam may revoke or suspend the clearance if implementation of any of the above conditions is not satisfactory.	The company agrees to comply all the condition stipulated in the EC.	Agreed for compliance.
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(15)	Any other conditions or alteration in the above conditions shall have to be implemented by the project authorities in a time bound manner.	The company ensures that it will implement any change in the given time bound.	Agreed for compliance.
(16)	The Proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the SEIAA, Assam and RO of MoEF. The criteria pollutants levels namely; PM ₁₀ , PM _{2.5} , SO ₂ , Nox, etc.(ambient level as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	The company uploads the status of compliance of the stipulated EC condition including results of monitored data on the company website time to time.	Complied With
(17)	The above conditions shall be enforced, inter-alia under the provisions of the Water Act, 1974 the Air Act, 1981 the Environment Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules.	The company abides that it will enforce the above conditions.	Complied With

For KO Cemerus Autoriseo Signatory





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TEST REPORT AMBIENT AIR ANALYSIS REPORT Rep.No. AAAR_1503155_01_626 Date: 22/04/2024 SAMPLE ID: EETNE/APR/05/24 ULR NO.:TC766924000000149F M/s. K.D. Cements, Vill: Bhomraguri, P.O. Rangagora, Dist : Nagaon, Assam Issued to : Sample Drawn By : UTPAL BEZBARUAH Sampling Plan & Procedure : EETNE/SOP/01 **Analysis Duration** : 16/04/2024, 17/04/2024 TO 22/04/2024 Sampling Instrument Used : AMBIENT AIR SAMPLER/RDS Pollution Control Device, if any : YES/NO DATE OF LOCATION/ PARAMETERS SI SAMPLING SOURCE WEATHER NO. ΡM_{2.5} (µg/m³) PM10 502 NO2 $(\mu g/m^3)$ $(\mu g/m^3)$ $(\mu g/m^3)$ i) Near Main Gate 59.2 34.2 22.5 10.6 16/04/2024 ii) Near Mill House 60.6 30.5 21.6 13.3 Clear iii) Near Clinker Go down 62.4 32.1 13.3 11.1 17/04/2024 iv) Near Green Belt Area 60.8 28.6 17.8 12.6 Remarks: - Samplings done under annual based. Method of analysis: For SO₂ = IS:5182 Part-II/ CPCB, NO₂ = IS:5182 Part-VI/ CPCB PM10 = IS:5182 Part-XXIII/CPCB, PM2.5 = USEPA FRM 40CFR Part 50, 53 Appendix- L FEM Candidate Method-I NATIONAL AMBIENT AIR QUALITY STANDARDS:

SI. No.	Delluterat			Concentration in Ambient Air	
	Pollutant	Test Method	Time Weighted Average	Industrial, Residential, Rural and Other Area	
1	Sulphur Dioxide	IS:5182 Part-II/ CPCB	Annual	50	
_	(SO ₂), μg/m ³		24 hours	80	
2	(NO) 1 110 (-3	IS:5182 Part-VI/ CPCB	Annual	40	
			2 : hours	80	
3	Particulate Matter	IS:5182 Part-XXIII / CPCB Annual		50	
	(PM ₁₀), μg/m ³		24 hours	100	
4	4 Particulate Matter (PM _{2.5}), μg/m ³		Annual	40	
	(**************************************	Candidate Method-I	24 hours	60	

Khairul Islam Sheikh (Environmental Chemist)

Ugal Bezbaruah (Technical Manager)

CH/

For Envision Enviro Technologies North East, Guwahati

Authorized Signatory/Reviewed by

Note: i) The results relate to the tested parameters & items sample. ii) The test report shall not be reproduced except in full, without wriden approval of laboratory.

-----END OF REPORT-----

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Rep.N SAMPI	o. 240422_1503 LE ID: EETN/APR	155_01_627 /05/24		22/04/2024 0.:TC766924000000149F
M/s. K Vill: Bl P.O. R	<u>& Address</u> : (.D. Cements, homraguri, angagora, Nagaon, Assam.			
SL. NO.	DATE OF SAMPLING	LOCATION/ SOURCE	Fugitive (SPM) (µg/m³)	Remarks
i)	16/04/2024	Near Mill House	1501	-Water spraying is done to control the fugitive emission.
ii)	section company and a second	Near Fly Ash Conveyor Belt	1421	-All materials are stored in
111)	17/04/2024			closed sheds to mitigate
iii) Metho Instru		Near Packing Section itive= IS 5182(PART IV) 19	1320	closed sheds to mitigate fugitive emission.
Metho Instru Kł	d used for Fug	Near Packing Section itive= IS 5182(PART IV) 19 DS For Envision E kh nist)	1320 99/CPCB nviro Technologi Utoa) Be (Technica	closed sheds to mitigate fugitive emission. ECHN es North East, Guwahati Manager)
Metho Instru Kł	od used for Fug iment used= R Made arr hairul Islam Sheil	Near Packing Section itive= IS 5182(PART IV) 19 DS For Envision E kh nist)	1320 99/CPCB nviro Technologi Utoa) Be (Technica	closed sheds to mitigate fugitive emission.
Metho Instru Kł (Envi Note: i)	bd used for Fug iment used= R ment used= R hairul Islam Sheil ironmental Chen The results relate	Near Packing Section itive= IS 5182(PART IV) 19 DS For Envision E kh nist)	1320 99/CPCB nviro Technologi Utoa Be (Technica Authorized Signat	closed sheds to mitigate fugitive emission. ECHN es North East, Guwahati Manager) ory /Reviewed by

House No. 6, 1st Floor, Sankardev Path, Pub-Sarania, Chandmari, Guwahati-781003, Assa





			TEST REPORT	
			SUREMENT REPO	
	ep.No. ANLMR_150 AMPLE ID: EETNE/			Date: 22/04/2024 ULR NO.:TC766924000000149F
Is	ssued to : M/s.	K.D. Cements, V	/ill: Bhomraguri, P.O	. Rangagora, Dist : Nagaon, Assam.
SL.	DATE OF			
NO.	SAMPLING	LOCATION	SOURCE	NOISE LEVEL in dB(A)Leq Day Time (6:00 am to 10:00 pm
i)		Near Main Gat	e	70.1
ii)	17/04/2024	Near Office Bu	uilding	68.3
iii)		Near Green Be	elt Area	61,2
iv)	16/04/2024	Near Cement	Mill	70.3
A rea	Category of area		1	Limits in dB(A) Leq
00				
rea	Category of area	Day (6		
rea	Category of area	Day (6	:00 am to 10:00 pm 75	
rea ode			:00 am to 10:00 pm) Night (10:00 pm to 6:00 am)
rea ode A	Industrial Area		:00 am to 10:00 pm 75) Night (10:00 pm to 6:00 am) 70
rea ode A B	Industrial Area Commercial Area		:00 am to 10:00 pm 75 65) Night (10:00 pm to 6:00 am) 70 55
A B C D	Industrial Area Commercial Area Residential Area Silence Zone	For	5:00 am to 10:00 pm 75 65 55 50	Night (10:00 pm to 6:00 am) 70 55 45 40 echnologies North East, Guwahati
A B C D	Industrial Area Commercial Area Residential Area Silence Zone	For	5:00 am to 10:00 pm 75 65 55 50 Envision Enviro T	Night (10:00 pm to 6:00 am) 70 55 45 40 echnologies North East, Guwahati
Area Code A B C D	Industrial Area Commercial Area Residential Area Silence Zone Khairul Islam Sh (Environmental Ch	For eikh emist)	Envision Enviro T Au parameters & items sa	Night (10:00 pm to 6:00 am) 70 55 45 40 echnologies North East, Guwahati Utpal Bezbaruah (Technical Manager) thorized Signatory/ Reviewed by

Page 1 of 1

House No. 6, 1st Floor, Sankardev Path, Pub-Sarania, Chandmari, Guwahati-781003, Assam.

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			TEST REPORT	e*	
	D.G SET NO	DISE LEVEL MEASU	REMENT REPOR	T	
		MR_1503155_06A_62 ETNE/APR/05/24	9	Date: 22/04 ULR NO.:TC	4/2024 766924000000149F
	Name & Addr M/s. K.D. Cer Vill: Bhomrag P.O. Rangago Dist : Nagaor Assam.	ments, guri, pra,	ч,		×
0.	DATE OF SAMPLING	LOCATION /SOURCE	DG Background Noise	Measured Sound	Actual Sound Pressure Level of DG in dB(A)
)	16/04/24	250 KVA - DG Set	58.9	71.2	70.9
)	10/04/24	1500 KVA - DG Set	57.8	73.1	72.9
	surface. Method of ana	se level is carried out alysis : IS 4758 :1968R trument Used :SLM10	A :2017		etre from the enclosure C-2013)
	surface. Method of ana Sampling Inst	alysis : IS 4758 :1968R	A :2017 00 SLNO484-I-22, S	SLM 100 (213 DT	
	surface. Method of ana Sampling Inst	alysis : IS 4758 :1968R trument Used : SLM1(A :2017 00 SLNO484-I-22, S	SLM 100 (213 DT	
	surface. Method of ana Sampling Inst DG Set Noise	alysis : IS 4758 :1968R trument Used : SLM10 <u>Standards</u> : Noise limit	A :2017 D0 SLNO484-I-22, S viz. 75 dB(A) at 1m For Envision Envir	GLM 100 (213 DT distance.	C-2013) Iorth East, Guwahati Ii - 3 Daruah Manager)
	surface. Method of ana Sampling Inst DG Set Noise Guide Khairul Isl (Environmen Note: i) The res	alysis : IS 4758 :1968R trument Used : SLM10 Standards: Noise limit am Sheikh atal Chemist)	A :2017 DO SLNO484-I-22, S viz. 75 dB(A) at 1m For Envision Envir Aut	SLM 100 (213 DT distance. o Technologies N Utpa! Bezk (Technical N horized Signator	C-2013) Jorth East, Guwahati Ju-3 Daruah Manager) Dyf Reviewed by

Page 1 of 1

House No. 6, 1st Floor, Sankardev Path, Pub-Sarania, Chandmarl, Guwahati-781003, Assam.





TEST REPORT STACK ANALYSIS REPORT Rep.No. SAR_1503155_01_630 Date: 22/04/2024 SAMPLE ID: EETNE/APR/05/24 ULR NO.:TC766924000000149F : M/s. K.D. Cements, Vill: Bhomraguri, P.O. Rangagora, Dist : Nagaon, Assam. Issued to Sample Drawn By : UTPAL BEZBARUAH Sampling Plan & Procedure : EETNE/SOP/01 Analysis Duration : 17/04/2024 TO 22/04/2024 Sampling Instrument Used : STACK SAMPLER/STACK KIT Pollution Control Device, if any : YES/NO PARAMETERS REMARKS SL. DATE OF STACK NO. SAMPLING DESCRIPTION **Particulate Matter** Bag filter is attached to (mg/Nm^3) Cement mill. Stack attached to 50% bag house is i) 17/04/2024 CEMENT MILL 27.1 replaced to mitigate the effect of particulate matter. **Emission Standards :** Category of Industry Parameter Standards Cement Particulate matter 30mg/Nm³ Method of analysis: IS 11255 Part-III:2008 RA For Envision Enviro Technologies North East, Guwahati Khairul Islam Sheikh Utpal Bezbaruah (Environmental Chemist) (Technical Manager) Authorized Signatory/ Reviewed by Note: i) The results relate to the tested parameters & items sample. ii) The test report shall not be reproduced except in full, without written approval of laboratory. -----END OF REPORT-----

Page 1 Raight 1 of 1

House No. 6, 1st Floor, Sankardev Path, Pub-Sarania, Chandmari, Guwahati-781003, Assam.

Mobile : +91 98592 32126 / 88110 96201 • e-mail : envisionghy@gmail.com





NABL ACCREDITED

Rej SA	ACK ANALYSI D.No. SAR_1503 MPLE ID: EETNE	3155_01_631 APR/05/24			Date: 22/04/ ULR NO.:TC76	69240	000000149F
Iss	ued to : M	1/s. K.D. Cements	, Vill: Bhomrag	guri, P.C	. Rangagora, Dis	t:Na	agaon, Assam.
	nple Drawn By		: UTPAL	BEZBAR	UAH		
Ana Sar	npling Plan & P alysis Duration npling Instrum lution Control D	ent Used	: EETNE/ : 16/04/ : STACK : NO/YE	2024 T SAMPLE	0 22/04/2024 R/STACK KIT		
SL. NO.	DATE OF SAMPLING	STACK DESC	RIPTION		AMETERS		REMARKS
i)	16/04/2024	Stack attached t 250 KVA	o DG set-		g/kwhr)	-	-Data is within the permissible limit
		s for Diesel Engine	e for generato	r set :	0.018	-	
	Engine Pow			meter			
-	56KW <p≤5< td=""><td></td><td>Particula</td><td></td><td>er</td><td></td><td>Standards 0.02 g/kwhr</td></p≤5<>		Particula		er		Standards 0.02 g/kwhr
SL.		STACK D	ESCRIPTION		PARAMETERS		REMARKS
NO.		STACK D	ESCRIPTION		Particulate Matt	er	- DG set is with acoust
ii)	16/04/2024	Stack attached 1500 KVA	DG Set-		(mg/Nm ³) 62.8		enclosure.
Emi	ssion Standards						
-		meter			Stan		
	Particula	ate matter			75mg	/Nm ³	3
к	Mund Sharr hairul Islam Sh vironmental Ch			ion Env	Technologie Utpal Bezbard (Technical Mar	ah ager)	
Note:	i) The results re ii) The test repor	late to the tested pa t shall not be reprod	duced except in	ns sampl full, with	0	al of I	aboratory.

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chnologies for heller tomorrow

Recognized by Pollution Control Board, Assam



TEST REPORT

AMBIENT AIR ANALYSIS REPORT Rep.No. AAAR_1503155_01_689 SAMPLE ID: EETNE/JUNE/03/24

Date: 10/06/2024 ULR NO.:TC766924000000165F

Issued to

M/s. K.D. Cements, Vill: Bhomraguri, P.O. Rangagora, Dist : Nagaon, Assam.

Sample Drawn By Sampling Plan & Procedure Analysis Duration Sampling Instrument Used Pollution Control Device, if any : UTPAL BEZBARUAH : EETNE/SOP/01 : 03/06/2024, 04/06/2024 TO 10/06/2024 : AMBIENT AIR SAMPLER/RDS : YES/NO

SL.	DATE OF SAMPLING	LOCATION/ SOURCE	WEATHER		PARAMET	TERS	
NO.	SAMPLING	SOURCE	HEATTER	ΡM ₁₀ (μg/m ³)	PM _{2.5} (μg/m ³)	NO ₂ (μg/m ³)	SO ₂ (μg/m ³)
i)		Near Main Gate		62.9	32.6	22.6	10.1
ii)	03/06/2024	Near Mill House	1	57.2	34.9	23.1	15.9
iii)		Near Clinker Go down	Clear	58.1	35.2	18.8	10.2
iv)	04/06/2024	Near Green Belt Area	-	55.6	28.6	17.1	12.7

Remarks: - Samplings done under annual based.

Method of analysis: For SO₂ = IS:5182 Part-II/ CPCB, NO₂ = IS:5182 Part-VI/ CPCB PM₁₀ = IS:5182 Part-XXIII/CPCB, PM_{2.5} = USEPA FRM 40CFR Part 50, 53 Appendix- L FEM Candidate Method-I

NATIONAL AMBIENT AIR QUALITY STANDARDS:

SI.		· · · · · · · · · · · · · · · · · · ·		Concentration in Ambient Air
No.	Pollutant	Test Method	Time Weighted Average	Industrial, Residential, Rural and Other Area
1	Sulphur Dioxide	IS:5182 Part-II/	Annual	50
	(SO ₂), μg/m ³	СРСВ	24 hours	80
2	Nitrogen Dioxide	IS:5182 Part-VI/	Annual	40
	(NO ₂), μg/m ³	СРСВ	24 hours	80
3	Particulate Matter	IS:5182 Part-XXIII/ CPCB	Annual	60
	(PM ₁₀), μg/m ³		24 hours	100
4	Particulate Matter	USEPA FRM 40CFR Part 50,	Annual	40
	(PM _{2.5}), μg/m ³	53 Appendix- L FEM Candidate Method-I	24 hours	60

Khairul Islam Sheikh (Environmental Chemist)

Utpal Bezbaruah (Technical Manager)

For Envision Enviro Technologies North East, Guwahati

Authorized Signatory/Reviewed by

Note: i) The results relate to the tested parameters & items sample. ii) The test report shall not be reproduced except in full, without written approval of laboratory.

-----END OF REPORT-----

Page 1 of 1

House No. 6, 1st Floor, Sankardev Path, Pub-Sarania, Chandmari, Guwahati-781003, Assam.





NABLACCREDITED

TEST REPORT FUGITIVE EMISSION ANALYSIS REPORT Rep.No. 240610 1503155 01 690 Date: 10/06/2024 SAMPLE ID: EETN/JUNE/03/24 ULR NO.:TC766924000000165F Name & Address: M/s. K.D. Cements, Vill: Bhomraguri, P.O. Rangagora, Dist : Nagaon, Assam. SL. DATE OF NO. SAMPLING LOCATION/ SOURCE Fugitive (SPM) Remarks $(\mu g/m^3)$ -Water spraying is done to i) 03/06/2024 Near Mill House 1025 control the fugitive emission. ii) Near Fly Ash Conveyor Belt 1120 -All materials are stored in 04/06/2024 closed sheds to mitigate iii) **Near Packing Section** fugitive emission. 1194 Method used for Fugitive= IS 5182(PART IV) 1999/CPCB Instrument used = RDS CHNO For Envision Enviro Technologies North East, Guwahati Khairul Islam Sheikh Utpal Bezbaruah (Environmental Chemist) (Technical Manager) Authorized Signatory /Reviewed by Note: i) The results relate to the tested parameters & items sample. ii) The test report shall not be reproduced except in full, without written approval of laboratory. -----END OF REPORT-----

Page 1 of 1

House No. 6. 1st Floor, Sankardev Path, Pub-Sarania, Chandmari, Guwahati-781003, Assam





			TEST REPORT	
A	MBIENT NOIS	ELEV	EL MEASUREMENT REPORT	r .
Re	ep.No. ANLMR_15 AMPLE ID: EETNE,	03155	_06A_691	_ Date: 10/06/2024 JLR NO.:TC766924000000165F
			J -	
IS	sued to : M/s	. K.D. (Cements, Vill: Bhomraguri, P.O. R	angagora, Dist : Nagaon, Assam.
			, t	
SL.	DATE OF SAMPLING		CATION (COUDOR	
	Shiri Ling		DCATION /SOURCE	NOISE LEVEL in dB(A)Leq
i)		Near	r Green Belt Area	Day Time (6:00 am to 10:00 pm)
ii)	03/06/2024	10.000 M	r Cement Mill	56.2
iii)		Near	Main Gate	70.7
iv)	04/06/2024	Near	Office Building	70.2
Re	marks: Noise leve	el is ca	rried out during 75% of the Day 1 9989 :1981RA :2014	
	Category of area		Limi	ts in dB(A) Leq
uc l			D. 10.00	
	Industrial Area		Day (6:00 am to 10:00 pm)	
	Industrial Area		, . 75	Night (10:00 pm to 6:00 am) 70
3	Industrial Area Commercial Area Residential Area		65	Night (10:00 pm to 6:00 am) 70 55
3	Commercial Area		, . 75	Night (10:00 pm to 6:00 am) 70 55 45
	Commercial Area Residential Area		65 55	Night (10:00 pm to 6:00 am) 70 55
3 2 9 :	Commercial Area Residential Area Silence Zone Khairul Islam She	eikh	75 65 55 50 For Envision Enviro Techr	Night (10:00 pm to 6:00 am) 70 55 45 40
3 2 9 :	Commercial Area Residential Area Silence Zone	eikh	75 65 55 50 For Envision Enviro Techr	Night (10:00 pm to 6:00 am) 70 55 45 40 Nologies North East, Guwahati Utpal Bezbaruah Technical Manager)
3 2 9 :	Commercial Area Residential Area Silence Zone Khairul Islam She	eikh	75 65 55 50 For Envision Enviro Techr	Night (10:00 pm to 6:00 am) 70 55 45 40
	Commercial Area Residential Area Silence Zone Khairul Islam She	eikh	75 65 55 50 For Envision Enviro Techr	Night (10:00 pm to 6:00 am) 70 55 45 40 Nologies North East, Guwahati Utpal Bezbaruah Technical Manager)
(Er	Commercial Area Residential Area Silence Zone Khairul Islam She nvironmental Che	eikh emist)	For Envision Enviro Techr (Authori	Night (10:00 pm to 6:00 am) 70 55 45 40 Note For the set of the se
8 2 9 :	Commercial Area Residential Area Silence Zone Khairul Islam She nvironmental Che ii) The results rela ii) The test report	eikh emist) ate to th shall no	75 65 55 50 For Envision Enviro Techr (Authori	Night (10:00 pm to 6:00 am) 70 55 45 40 Nologies North East, Guwahati Utpal Bezbaruah Technical Manager) ized Signatory/ Reviewed by
(Er	Commercial Area Residential Area Silence Zone Khairul Islam She nvironmental Che ii) The results rela ii) The test report	eikh emist) ate to th shall no	For Envision Enviro Techr (Authori be tested parameters & items sample of be reproduced except in full, witho	Night (10:00 pm to 6:00 am) 70 55 45 40 Nologies North East, Guwahati Utpal Bezbaruah Technical Manager) ized Signatory/ Reviewed by

House No. 6, 1st Floor, Sankardev Path, Pub-Sarania, Chandmarl, Guwahati-781003, Assam.





			TEST REPORT		
D	.G SET NO	ISE LEVEL MEASU	REMENT REPOR	I	
R	ep.No. DGNL AMPLE ID: E	MR_1503155_06A_692 ETNE/JUNE/03/24	2	Date: 10/0 ULR NO.:TC	6/2024 766924000000165F
N V F I	lame & Addre M/s. K.D. Cen Vill: Bhomrag P.O. Rangago Dist : Nagaon Assam.	nents, juri, ira,			(*
	DATE OF SAMPLING	LOCATION /SOURCE	DG Background Noise	Measured Sound	Actual Sound Pressu Level of DG in dB(A)
	03/06/24	250 KVA - DG Set	58.9	68.1	67.5
	03/00/24	1500 KVA - DG Set	57.6	72.9	72.7
F	surface.		A :2017		etre from the enclosure DTC-2013)
F	surface. Method of an Sampling Ins	ise level is carried out	RA :2017 00 SL.NO.484-I-22	, SLM 100 (213 C	
F	surface. Method of an Sampling Ins	ise level is carried out alysis : IS 4758 :1968F trument Used :SLM1	RA :2017 00 SL.NO.484-I-22	, SLM 100 (213 C	DTC-2013)
FSTS	surface. Method of an Sampling Ins DG Set Noise	ise level is carried out alysis : IS 4758 :1968F trument Used : SLM1 <u>Standards</u> : Noise limit	RA :2017 00 SL.NO.484-I-22 viz. 75 dB(A) at 1r	, SLM 100 (213 D n distance.	North East, Guwahati
F	Surface. Method of and Sampling Ins DG Set Noise Mairul Is	ise level is carried out alysis : IS 4758 :1968F trument Used : SLM1 <u>Standards</u> : Noise limit	RA :2017 00 SL.NO.484-I-22 viz. 75 dB(A) at 1r	, SLM 100 (213 D n distance. ro Technologies Utpal Be	North East, Guwahati
F	Surface. Method of and Sampling Ins DG Set Noise Mairul Is	ise level is carried out alysis : IS 4758 :1968F trument Used : SLM1 <u>Standards</u> : Noise limit	RA :2017 00 SL.NO.484-I-22 viz. 75 dB(A) at 1r For Envision Envi	, SLM 100 (213 D n distance. ro Technologies, Utpal Be (Technical	North East, Guwahati
F	Surface. Method of and Sampling Ins DG Set Noise Mairul Is	ise level is carried out alysis : IS 4758 :1968F trument Used : SLM1 <u>Standards</u> : Noise limit	RA :2017 00 SL.NO.484-I-22 viz. 75 dB(A) at 1r For Envision Envi	, SLM 100 (213 D n distance. ro Technologies, Utpal Be (Technical	North East, Guwahati zbaruah Manager
F	Surface. Method of an Sampling Ins DG Set Noise Khairul Is (Environme	ise level is carried out alysis : IS 4758 :1968F trument Used : SLM1 <u>Standards</u> : Noise limit	A :2017 00 SL.NO.484-I-22 viz. 75 dB(A) at 1r For Envision Envi Au	, SLM 100 (213 D n distance. ro Technologies, Utpal Be (Technical thorized Signate	North East, Guwahati zbaruah Manager ory/ Reviewed by
F	Surface. Method of an Sampling Ins DG Set Noise Khairul Is (Environme	ise level is carried out alysis : IS 4758 :1968F trument Used : SLM1 <u>Standards</u> : Noise limit slam Sheikh ental Chemist) esults relate to the tested	A :2017 00 SL.NO.484-I-22 viz. 75 dB(A) at 1r For Envision Envi Au	, SLM 100 (213 D n distance. ro Technologies, Utpal Be (Technical thorized Signato sample. I, without written a	North East, Guwahati zbaruah Manager ory/ Reviewed by

House No. 6, 1st Floor, Sankardev Path, Pub-Sarania, Chandmari, Guwahati-781003, Assam





NABLACCREDITED

STA	CK ANALYSIS F	TEST	REPORT	
Rep.	No. SAR_150315 PLE ID: EETNE/J	5 01 693	Date: 10 ULR NO.:	/06/2024 TC766924000000165F
Issu	ed to : M/s	. K.D. Cements, Vill: Bho	mraguri, P.O. Rangago	ra, Dist : Nagaon, Assam.
Sam Anal Sam	ple Drawn By pling Plan & Proc ysis Duration pling Instrument ition Control Dev	edure : EE : 04 : Used : ST	TPAL BEZBARUAH TNE/SOP/01 2/06/2024 TO 10/06/2 ACK SAMPLER/STACK S/NO	2024 KIT
SL.	DATE OF	STACK	PARAMETERS	REMARKS
NO.	SAMPLING	DESCRIPTION	Particulate Matter (mg/Nm ³)	 Bag filter is attached to Cement mill.
i)	04/06/2024	Stack attached to CEMENT MILL	26.8	 50% bag house is replaced to mitigate the effect of particulate matter.
Emis	sion Standards :			
Categ	ory of Industry	Parar	neter	Standards
C	ement	Particulat	te matter	30mg/Nm ³
Desire of the second	Churted am airul Islam Sheik ironmental Chem	h	ision Enviro Technolo Guwa Utpal B (Technica	ogies North East, Guwahati Ezbaruah I Manager) atory/ Reviewed by



TC-7669 NABLACCREDITED

Recognized by Pollution Control Board, Assam

Rep SAM	CK ANALYSIS No. SAR_15031 IPLE ID: EETNE/	155_01_694 /JUNE/03/24	ts, Vill: Bhomra	guri, P.	Date: 10/06/202 ULR NO.:TC7669 O. Rangagora, Dist	2400	
1550		S. R.D. Celler	~				
San Ana San	nple Drawn By npling Plan & Pr Ilysis Duration npling Instrume Iution Control D	ent Used	: UTPAI : EETNE : 03/06 : STACH : NO/YI	/SOP/0 /2024 (SAMPI			
-sures	2000 (Marzar 10) (Mars. 10)		COLOTION	D	ARAMETERS		REMARKS
SL. NO.	DATE OF SAMPLING	STACK DES			ticulate Matter (g/kwhr)		-Data is within
)	03/06/2024	Stack attache 250 KV	A		0.016		the permissible limit
Em	ission Standard	s for Diesel Eng	ine for generat	or set :			
	Engine Pov	ver(P)	Par	ameter		-	Standards
-	56KW <p≤< td=""><td></td><td>Particu</td><td>late Ma</td><td>tter</td><td>0</td><td>.02 g/kwhr</td></p≤<>		Particu	late Ma	tter	0	.02 g/kwhr
NC II)			hed DG Set-		(mg/Nm ³) 62.1	3	enclosure.
L							
En	nission Standard Pai	is : rameter				dards	
		late matter			75m	g/Nm	3
м	ethod of analy				HOLE CURAN	A SALAN	fth East, Guwahati
	Khairul Islam S		•		Utpal Bezba	and the second second second	
(Environmental	Chemist)		A	(Technical Ma uthorized Signatory		
No	ote: i) The results ii) The test re	relate to the tes port shall not be	ted parameters 8 reproduced exce	t items s pt in full,	ample. , without written appr	oval o	f laboratory.
	<u></u>		END C	F REP	ORT		

Mobile : +01 08502 22126 / 94250 47496 A e-mail : envisionatu@amail.com





TEST REPORT

AMBIENT AIR ANALYSIS REPORT Rep.No. AAAR_1503155_01_752

SAMPLE ID: EETNE/JULY/04/24

*

Sampling Plan & Procedure

Sampling Instrument Used

Pollution Control Device, if any

Date: 18/07/2024 ULR NO.:TC766924000000182F

Issued to

Sample Drawn By

Analysis Duration

: UTPAL BEZBARUAH : EETNE/SOP/01 : 12/07/2024, 13/07/2024 TO 18/07/2024 : AMBIENT AIR SAMPLER/RDS : YES/NO

M/s. K.D. Cements, Vill: Bhomraguri, P.O. Rangagora, Dist : Nagaon, Assam.

SL.	DATE OF SAMPLING	LOCATION/ SOURCE	WEATHER		PARAMET	TERS	
NO.				PM ₁₀ (μg/m ³)	PM _{2.5} (μg/m ³)	NO ₂ (μg/m ³)	SO ₂ (μg/m ³)
i)	12/07/2024	Near Main Gate		60.1	30.6	20.9	11.6
ii)	12/07/2024	Near Mill House	1	55.6	31.2	22.1	14.9
iii)	12/02/2024	Near Clinker Go down	Clear	57.1	34.9	20.7	11.1
iv)	13/07/2024	Near Green Belt Area	-	53.9	29.8	18.9	10.6

Remarks: - Samplings done under annual based.

Method of analysis: For SO₂ = IS:5182 Part-II/ CPCB, NO₂ = IS:5182 Part-VI/ CPCB PM₁₀ = IS:5182 Part-XXIII/CPCB, PM_{2.5} = USEPA FRM 40CFR Part 50, 53 Appendix- L FEM Candidate Method-I

NATIONAL AMBIENT AIR QUALITY STANDARDS:

Image: Second secon	SI. No.	Pollutant	Tool Marked		Concentration in Ambient Air
1Supplur (SO2), μ g/m³Dioxide CPCBIS:5182 Part-II/ CPCBAnnual502Nitrogen 				Time Weighted Average	Industrial, Residential, Rural
2 Nitrogen Dioxide (NO2), µg/m³ IS:5182 Part-VI/ CPCB Arnual 40 3 Particulate (PM10), µg/m³ IS:5182 Part-XXIII/ CPCB Annual 60 4 Particulate (PM2.s), µg/m³ USEPA FRM 40CFR Part 50, 53 Appendix- L FEM Candidate Method-I S3 Appendix- L FEM Candidate Method-I 40	1			Annual	
2 Mitrogen Dioxide (NO ₂), μg/m ³ IS:5182 Part-VI/ CPCB Annual 40 3 Particulate (PM ₁₀), μg/m ³ IS:5182 Part-XXIII/ CPCB Annual 60 4 Particulate (PM _{2.5}), μg/m ³ USEPA FRM 40CFR Part 50, 53 Appendix- L FEM Candidate Method-I Annual 40	-			24 hours	80
3 Particulate (PM ₁₀), μg/m ³ Matter IS:5182 Part-XXIII/ CPCB Annual 80 4 Particulate (PM _{2.5}), μg/m ³ USEPA FRM 40CFR Part 50, 53 Appendix- L FEM Candidate Method-I Annual 60 24 hours 100 4 Candidate Method-I 24 hours 60	2			Annual	
S Particulate Matter (PM10), μg/m³ IS:5182 Part-XXIII/ CPCB Annual 60 4 Particulate Matter (PM2.5), μg/m³ USEPA FRM 40CFR Part 50, 53 Appendix- L FEM Candidate Method-I Annual 60 24 hours 40	-			24 hours	80
4 Particulate Matter (PM _{2.5}), μg/m ³ USEPA FRM 40CFR Part 50, 53 Appendix- L FEM Candidate Method-I Annual 40 24 hours 60	3	i incent	IS:5182 Part-XXIII/ CPCB	Annual	
4 Particulate (PM _{2.5}), µg/m ³ USEPA FRM 40CFR Part 50, 53 Appendix- L FEM Candidate Method-I Annual 40 24 hours 60				24 hours	100
Candidate Method-I 24 hours 60	4		USEPA FRM 40CFR Part 50, 53 Appendix- L FFM	Annual	THE PARTY OF THE P
			Candidate Method-I	24 hours	60

Allow ST.

For Envision Enviro Technologies North East, Guwahati

Khairul Islam Sheikh (Environmental Chemist)

Utpal Bezbaruah (Technical Manager)

Authorized Signatory/Reviewed by

Note: i) The results relate to the tested parameters & items sample. ii) The test report shall not be reproduced except in full, without written approval of laboratory.

-----END OF REPORT-----

Page 1 of 1

House No. 6, 1st Floor, Sankardev Path, Pub-Sarania, Chandmari, Guwahati-781003, Assam





FUGIT	IVE EMISSION	TEST REPORT ANALYSIS REPORT	3	
	o. 240718_15031 E ID: EETN/JULY			/07/2024 TC766924000000182F
M/s. K Vill: Bl P.O. Ri	& Address: D. Cements, nomraguri, angagora, Nagaon, Assam.			
SL. NO.	DATE OF SAMPLING	LOCATION/ SOURCE	Fugitive (SPM) (µg/m³)	Remarks
i)	12/07/2024	Near Mill House	925	-Water spraying is done to control the fugitive emission.
ii)		Near Fly Ash Conveyor Belt	1050	-All materials are stored in
iii)	13/07/2024	Near Packing Section	1220	closed sheds to mitigate fugitive emission.
				ECHNOLO
	Nor	For Envision E	Enviro Technolog	ies North East, Guwahati
	(A) JUN S	· · ·	- NA	anati -3) K
	hairul Islam Shei		1.1	ezbaruah
(Env	vironmental Cher	nist)		al Manager) tory /Reviewed by
		to the tested parameters & items all not be reproduced except in fu	sample.	
		END OF REPORT	<u>></u>	
			1	

Page 1 of 1

House No. 6, 1st Floor, Sankardev Path, Pub-Sarania, Chandmari, Guwahati-781003, Assam





3

	ep.No. ANLMR_15		MEASUREMENT REPORT	ate: 18/07/2024
	AMPLE ID: EETNE/			R NO.:TC766924000000182F
Is	sued to : M/s.	K.D. Cem	ents, Vill: Bhomraguri, P.O. Ra	ngagora, Dist : Nagaon, Assam.
				-gegera, pier i Ragaen, Assain
			>	
SL.	DATE OF SAMPLING	1004	TION /SOURCE	NOTSELEVEL in dB(A)Los
	UNIT LING	LUCA		NOISE LEVEL in dB(A)Leq Day Time (6:00 am to 10:00 pm)
i)		Near Gr	een Belt Area	55.8
ii)	12/07/2024		ment Mill	69.1
111)			ain Gate	68.5
iv)	13/07/2024		fice Building	54.8
0.03			d out during 75% of the Day T	
			Limit	in dB(A) Lon
ea			Limit	ts in dB(A) Leq
ea de	-	·	Day (6:00 am to 10:00 pm)	Night (10:00 pm to 6:00 am)
ea de A	Industrial Area		Day (6:00 am to 10:00 pm) 75	Night (10:00 pm to 6:00 am) 70
ea de A B	Industrial Area Commercial Area	1	Day (6:00 am to 10:00 pm) 75 65	Night (10:00 pm to 6:00 am) 70 55
ea de A 3	Industrial Area Commercial Area Residential Area	1	Day (6:00 am to 10:00 pm) 75 65 55	Night (10:00 pm to 6:00 am) 70 55 45
ea de A B C	Industrial Area Commercial Area	1	Day (6:00 am to 10:00 pm) 75 65	Night (10:00 pm to 6:00 am) 70 55
ea ode A B C D	Industrial Area Commercial Area Residential Area Silence Zone		Day (6:00 am to 10:00 pm) 75 65 55 50	Night (10:00 pm to 6:00 am) 70 55 45 40
ea de A B C D	Industrial Area Commercial Area Residential Area Silence Zone	neikh	Day (6:00 am to 10:00 pm) 75 65 55 50 For Envision Enviro Techr	Night (10:00 pm to 6:00 am) 70 55 45 40 Nologies North East, Guwahati Utpal Bezbaryah
ea de A 3 C D	Industrial Area Commercial Area Residential Area Silence Zone	neikh	Day (6:00 am to 10:00 pm) 75 65 55 50 For Envision Enviro Techr	Night (10:00 pm to 6:00 am) 70 55 45 40 Nologies North East, Guwahati Utpal Bezbaryah Technical Manager)
ea de A 3 C D	Industrial Area Commercial Area Residential Area Silence Zone	neikh	Day (6:00 am to 10:00 pm) 75 65 55 50 For Envision Enviro Techr	Night (10:00 pm to 6:00 am) 70 55 45 40 Nologies North East, Guwahati Utpal Bezbaryah
ea de A 3 C D	Industrial Area Commercial Area Residential Area Silence Zone	neikh	Day (6:00 am to 10:00 pm) 75 65 55 50 For Envision Enviro Techr	Night (10:00 pm to 6:00 am) 70 55 45 40 Nologies North East, Guwahati Utpal Bezbaryah Technical Manager)
ea de A B C D	Industrial Area Commercial Area Residential Area Silence Zone Khairul Islam Sh Environmental Ch	neikh hemist)	Day (6:00 am to 10:00 pm) 75 65 55 50 For Envision Enviro Techr (Author	Night (10:00 pm to 6:00 am) 70 55 45 40 Nologies North East, Guwahati Utpal Bezbaruah Technical Manager) ized Signatory/ Reviewed by
ea de A 3 3 0 0	Industrial Area Commercial Area Residential Area Silence Zone Khairul Islam Sh Environmental Ch	neikh hemist)	Day (6:00 am to 10:00 pm) 75 65 55 50 For Envision Enviro Techr (Author	Night (10:00 pm to 6:00 am) 70 55 45 40 Nologies North East, Guwahati Utpal Bezbaruah Technical Manager) ized Signatory/ Reviewed by
ea de A 3 3 0 0	Industrial Area Commercial Area Residential Area Silence Zone Khairul Islam Sh Environmental Ch	neikh hemist)	Day (6:00 am to 10:00 pm) 75 65 55 50 For Envision Enviro Techr (Author	Night (10:00 pm to 6:00 am) 70 55 45 40 Nologies North East, Guwahati Utpal Bezbaruah Technical Manager) ized Signatory/ Reviewed by
ea ode A B C D	Industrial Area Commercial Area Residential Area Silence Zone Khairul Islam Sh Environmental Ch	neikh hemist) late to the t shall not	Day (6:00 am to 10:00 pm) 75 65 55 50 For Envision Enviro Techr (Author	Night (10:00 pm to 6:00 am) 70 55 45 40 Nologies North East, Guwahati Utpal Bezbaruah Technical Manager) ized Signatory/ Reviewed by

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			TEST REPOR	Ľ	
	D.G SET N	OISE LEVEL MEAS	UREMENT REPO	RT	
	Rep.No. DGN	LMR_1503155_06A_7 EETNE/JULY/04/24	111	Date: 18/0	07/2024 C766924000000182F
	Name & Addr M/s. K.D. Ce Vill: Bhomra P.O. Rangag Dist : Nagaon Assam.	ments, guri, ora,	,		
L. O.	DATE OF SAMPLING	LOCATION /SOURCE	DG Background Noise	Measured Sound	Actual Sound Pressur Level of DG in dB(A)
)		250 KVA - DG Set	58.1	69.1	68.7
)		1500 KVA - DG Set	59.3	71.2	70.9
-	Method of ana Sampling Inst	se level is carried out alysis : IS 4758 :1968R trument Used : SLM1(<u>Standards</u> : Noise limit	A :2017 00 SL.NO.484-I-22,	SLM 100 (213 D	etre from the enclosure TC-2013)
1	Method of ana Sampling Inst	alysis : IS 4758 :1968R trument Used : SLM1(A :2017 00 SL.NO.484-I-22,	SLM 100 (213 D	
1 2 1 1	Method of ana Sampling Inst	alysis : IS 4758 :1968R trument Used : SLM10 <u>Standards</u> : Noise limit	A :2017 D0 SL.NO.484-I-22, viz. 75 dB(A) at 1m For Envision Enviro	SLM 100 (213 D distance. Technologies N Utpal Bezb (Technical M	TC-2013) CHNO arth East, Guwahati aruah Janager)
1	Method of ana Sampling Inst DG Set Noise S County of the set of th	alysis : IS 4758 :1968R trument Used : SLM10 <u>Standards</u> : Noise limit	A :2017 D0 SL.NO.484-I-22, viz. 75 dB(A) at 1m For Envision Enviro	SLM 100 (213 D distance.	TC-2013) CHNO arth East, Guwahati aruah Janager)
Ĩ	Method of ana Sampling Inst DG Set Noise S Khairul Isla (Environment ote: i) The resu	Standards: Noise limit	A :2017 D0 SL.NO.484-I-22, viz. 75 dB(A) at 1m For Envision Enviro Auth	SLM 100 (213 D distance. Technologies N Utpal Bezb (Technical M orized Signatory	CHN Arth East, Guwahati aruah lanager)
Ĩ	Method of ana Sampling Inst DG Set Noise S Khairul Isla (Environment ote: i) The resu	Alysis : IS 4758 :1968R trument Used : SLM10 Standards: Noise limit Standards: Noise limit am Sheikh tal Chemist)	A :2017 D0 SL.NO.484-I-22, viz. 75 dB(A) at 1m For Envision Enviro Auth	SLM 100 (213 D distance. D Technologies N Utpal Bezb (Technical M orized Signatory	CHN Arth East, Guwahati aruah lanager)
Ĩ	Method of ana Sampling Inst DG Set Noise S Khairul Isla (Environment ote: i) The resu	Alysis : IS 4758 :1968R trument Used : SLM10 Standards: Noise limit Standards: Noise limit am Sheikh tal Chemist)	A :2017 DO SL.NO.484-I-22, viz. 75 dB(A) at 1m For Envision Enviro Auth arameters & items sar duced except in full, w	SLM 100 (213 D distance. D Technologies N Utpal Bezb (Technical M orized Signatory	CHNO Arth East, Guwahati aruah lanager)
1 5 <u>1</u>	Method of ana Sampling Inst DG Set Noise S Khairul Isla (Environment ote: i) The resu	Alysis : IS 4758 :1968R trument Used : SLM10 Standards: Noise limit Standards: Noise limit am Sheikh tal Chemist)	A :2017 DO SL.NO.484-I-22, viz. 75 dB(A) at 1m For Envision Enviro Auth arameters & items sar duced except in full, w	SLM 100 (213 D distance. D Technologies N Utpal Bezb (Technical M orized Signatory	CHN Arth East, Guwahati aruah lanager) y/ Reviewed by

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TC-7669

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CTACV ANALVETC R		REPORT		
STACK ANALYSIS R Rep.No. SAR_150315 SAMPLE ID: EETNE/JU	5_01_756 ULY/04/24	ULR NO.	/07/2024 TC766924000000182F	
Issued to : M/s.	. K.D. Cements, Vill: Bho	mraguri, P.O. Rangago	ora, Dist : Nagaon, Assam.	
Sample Drawn By Sampling Plan & Proc Analysis Duration Sampling Instrument Pollution Control Devi	edure : EE : 13 Used : ST	TPAL BEZBARUAH TNE/SOP/01 /07/2024 TO 18/07/2 ACK SAMPLER/STACK S/NO	2024 KIT	
SL. DATE OF	STACK	PARAMETERS	REMARKS	
NO. SAMPLING	DESCRIPTION	Particulate Matter (mg/Nm ³)	 Bag filter is attached to Cement mill. 	
i) 13/07/2024	Stack attached to CEMENT MILL	25.5	 50% bag house is replaced to mitigate the effect of particulate matter. 	
Emission Standards :				
Category of Industry	Parar	neter	Standards	
Cement	Particula	te matter	30mg/Nm ³	
0	s: IS 11255 Part-III:200	IO KA		
Khairul Islam Sheik (Environmental Chem	For Env	ision Enviro Technol VIIIII Utpal B (Technica	ogies North East, Guwahati ezbaruah al Manager) natory/ Reviewed by	
Khairul Islam Sheik (Environmental Chem	For Env h hist) e to the tested parameters hall not be reproduced exce	ision Enviro Technol Utpal B (Technica Authorized Sign	ezbaruah Manager) atory/ Reviewed by	

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Page 1 of 1

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Re SA	ACK ANALYSIS p.No. SAR_1503 MPLE ID: EETNE	155_01_757 /JULY/04/24	TEST REF	Date ULR	e: 18/07/2024 R NO.:TC766924(gagora, Dist : Na	
Sar Sar Ani Sar	mple Drawn By mpling Plan & Pr alysis Duration mpling Instrume llution Control D	rocedure ent Used	: UTPAL : EETNE : 12/07	BEZBARUAH /SOP/01 /2024 TO 18/ SAMPLER/ST	/07/2024	agaon, Assam.
SL. NO.	DATE OF SAMPLING	STACK DES		PARAMI Particulate	e Matter	REMARKS
i)	12/07/2024	Stack attached 250 KVA		(g/kw 0.01		-Data is within the permissible limit
Em	ission Standards		ne for generato	or set :		
	Engine Pow			imeter		Standards
	56KW <p≤5< td=""><td>60KW</td><td>Particul</td><td>ate Matter</td><td></td><td>0.02 g/kwhr</td></p≤5<>	60KW	Particul	ate Matter		0.02 g/kwhr
ii)	12/07/2024	Stack attache 1500 KV		(1	mg/Nm ³) 64.6	- DG set is with acousti enclosure.
Em	ission Standards				14	
		meter ate matter			Standard 75mg/Nn	
1	Khairul Islam Sh	eikh	19	sion Enviro T , Ut (Tec	echnologies No pal Bezbaruah chnical Manage Signatory/ Rev	
	e: i) The results re	late to the tested t shall not be rep	parameters & ite roduced except i	ems sample.	vritten approval of	

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TEST REPORT

AMBIENT AIR ANALYSIS REPORT Rep.No. AAAR_1503155_01_765 SAMPLE ID: EETNE/AUG/01/24

Date: 21/08/2024 ULR NO.:TC766924000000186F

Issued to

M/s. K.D. Cements, Vill: Bhomraguri, P.O. Rangagora, Dist : Nagaon, Assam. .

Sample Drawn By Sampling Plan & Procedure Analysis Duration Sampling Instrument Used Pollution Control Device, if any

: UTPAL BEZBARUAH : EETNE/SOP/01 : 16/08/2024, 17/08/2024 TO 21/08/2024 : AMBIENT AIR SAMPLER/RDS : YES/NO

SL. NO.	DATE OF SAMPLING	LOCATION/ SOURCE	WEATHER		PARAME	TERS	
i)		Near Main Gate		РМ ₁₀ (µg/m ³)	PM _{2.5} (μg/m ³)	NO ₂ (μg/m ³)	SO ₂ (μg/m ³)
- M	16/08/2024	Near Main Gate		59.3	28.1	22.6	
ii)		Near Mill House	-	52.9		22.0	12.9
iii)		Near Clinker Go down	Clear	52.9	32.9	23.1	15.6
1000	17/08/2024	Near Clinker Go down	Ciear	58.6	33.8	21.9	17.1
iv)		Near Green Belt Area	4			21.9	12.1
I	Remarks: - Samp	lings done under annual b		56.7	30.6	20.7	11.1

le under annual based.

Method of analysis: For SO₂ = IS:5182 Part-II/ CPCB, NO₂ = IS:5182 Part-VI/ CPCB

PM10 = IS:5182 Part-XXIII/CPCB, PM2.5 = USEPA FRM 40CFR Part 50, 53 Appendix- L FEM Candidate Method-I

NATIONAL AMBIENT AIR QUALITY STANDARDS:

No.	Pollutant	Test Method	Time Wet to a	Concentration in Ambient Air
1	Sulphur Dioxide		Time Weighted Average	Industrial, Residential Rural
	(SO ₂), μg/m ³	IS:5182 Part-II/ CPCB	Annual	and Other Area 50
2	Nitrogen Dioxide	IS:5182 Part-VI/	24 hours	80
	(NO ₂), μg/m ³	CPCB	Annual	40
3	Particulate Matter	IS:5182 Part-XXIII/ CPCB	24 hours	80
4	(PM ₁₀), µg/m ³			60
-	Particulate Matter (PM _{2.5}), µg/m ³	USEPA FRM 40CFR Part 50,	24 hours Annual	100
	(***2.577 pg/m	53 Appendix- L FEM Candidate Method-I	24 hours	40
			24 100/5	60

SI

Khairul Islam Sheikh (Environmental Chemist)

For Envision Enviro Technologies North East, Guwahati

Utpal Bezbaruah (Technical Manager)

Authorized Signatory/Reviewed by

Note: i) The results relate to the tested parameters & items sample. ii) The test report shall not be reproduced except in full, without written approval of laboratory.

-----END OF REPORT-----

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Rep.N SAMP <u>Name</u> M/s. H Vill: B P.O. R	TIVE EMISSIO o. 240821_1503 LE ID: EETNE/AU & Address: (.D. Cements, homraguri, angagora, Nagaon, Assam.	TEST REPORT N ANALYSIS REPORT 155_01_766 JG/01/24	Date: 21 ULR NO.	1/08/2024 :TC76692400000186F
SL. NO,	DATE OF SAMPLING	LOCATION/ SOURCE	Fugitive (SPM) (µg/m³)	Remarks
i)	16/08/2024	Near Mill House	829	-Water spraying is done to control the fugitive emission.
ii)	17/00/000	Near Fly Ash Conveyor Belt	1120	-All materials are stored in
iii)	17/08/2024	Near Packing Section itive= IS 5182(PART IV) 19	1220	closed sheds to mitigate fugitive emission.
(Envi	initud Islam Sheik ronmental Chem	kh nist)	nviro Technologie Utpal Be (Technical Authorized Signate	CHNO es North East, Guwahati ezbaruah Manager) ory /Reviewed by
Note: I) II)	i në tëst report sha	to the tested parameters & items s all not be reproduced except in full,	without written app	roval of laboratory.

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TEST REPORT

AMBIENT NOISE LEVEL MEASUREMENT REPORT

Rep.No. ANLMR_1503155_06A_767 SAMPLE ID: EETNE/AUG/01/24

Date: 21/08/2024 ULR NO.:TC766924000000186F

Issued to : M/s. K.D. Cements, Vill: Bhomraguri, P.O. Rangagora, Dist : Nagaon, Assam.

SL. NO.	DATE OF SAMPLING	LOCATION /SOURCE	NOISE LEVEL in dB(A)Leq
-			Day Time (6:00 am to 10:00 pm)
i)		Near Green Belt Area	52.9
ii)	16/08/2024	Near Cement Mill	
iii)		Near Main Gate	68.6
1.015	17/08/2024		67.2
iv)	2770072024	Near Office Building	55.8

Remarks: Noise level is carried out during 75% of the Day Time. Method of analysis : : IS 9989 :1981RA :2014 Sampling Instrument Used : SLM100 SL.NO.484-I-22, SLM 100 (213 DTC-2013)

Ambient Noise Standards:

Area Code	Category of area	Limi	ts in dB(A) Leg
couc		Day (6:00 am to 10:00 pm)	Night (10:00 pm to 6:00 am)
A	Industrial Area	75	
В	Commercial Area	65	70
С	Residential Area		55
D	Silence Zone	55	45
	Shence Zone	50	40

Rhunufar

Khairul Islam Sheikh (Environmental Chemist)

Utpal Bezbaruah

For Envision Enviro Technologies North East, Guwahati

(Technical Manager) Authorized Signatory/ Reviewed by

Note: i) The results relate to the tested parameters & items sample. ii) The test report shall not be reproduced except in full with a t

ii) The test report shall not be reproduced except in full, without written approval of laboratory.

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NABLACCREDITED

TEST REPORT D.G SET NOISE LEVEL MEASUREMENT REPORT Rep.No. DGNLMR_1503155_06A_768 Date: 21/08/2024 SAMPLE ID: EETNE/AUG/01/24 ULR NO.:TC766924000000186F Name & Address: M/s. K.D. Cements, Vill: Bhomraguri, P.O. Rangagora, Dist : Nagaon, Assam. SL. DATE OF LOCATION DG Background Measured Actual Sound Pressure NO. SAMPLING **/SOURCE** Noise Level of DG in dB(A) Sound i) 250 KVA - DG Set 58.1 70.2 69.9 16/08/24 ii) 1500 KVA - DG Set 58.3 72.6 72.4 Remarks: Noise level is carried out during day time at a distance 1metre from the enclosure surface. Method of analysis : IS 4758 :1968RA :2017 Sampling Instrument Used : SLM100 SL.NO.484-I-22, SLM 100 (213 DTC-2013) DG Set Noise Standards: Noise limit viz. 75 dB(A) at 1m distance. For Envision Enviro Technologies North East, Guwahati Khairul Islam Sheikh Utpal Bezbaruah (Environmental Chemist) (Technical Manager) Authorized Signatory/ Reviewed by Note: i) The results relate to the tested parameters & items sample. ii) The test report shall not be reproduced except in full, without written approval of laboratory. -----END OF REPORT-----



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TEST REPORT STACK ANALYSIS REPORT Rep.No. SAR_1503155_01_769 Date: 21/08/2024 SAMPLE ID: EETNE/AUG/01/24 ULR NO .: TC766924000000186F : M/s. K.D. Cements, Vill: Bhomraguri, P.O. Rangagora, Dist : Nagaon, Assam. Issued to Sample Drawn By : UTPAL BEZBARUAH Sampling Plan & Procedure : EETNE/SOP/01 **Analysis Duration** : 16/08/2024 TO 21/08/2024 Sampling Instrument Used : STACK SAMPLER/STACK KIT Pollution Control Device, if any : YES/NO PARAMETERS REMARKS SL. DATE OF STACK NO. SAMPLING DESCRIPTION Particulate Matter Bag filter is attached to (mg/Nm^3) Cement mill. Stack attached to 50% bag house is i) 16/08/2024 CEMENT MILL 23.1 replaced to mitigate the effect of particulate matter. **Emission Standards :** Category of Industry Parameter Standards Cement Particulate matter 30mg/Nm³ Method of analysis: IS 11255 Part-III:2008 RA For Envision Enviro Technologies North East, Guwahati Khairul Islam Sheikh Utpal Bezbaruah (Environmental Chemist) (Technical Manager) Authorized Signatory/ Reviewed by Note: i) The results relate to the tested parameters & items sample. ii) The test report shall not be reproduced except in full, without written approval of laboratory. -----END OF REPORT-----

Page 1 of 1

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ST	ACK ANALYSI	S REPORT	TEST RE	PORT		
Re	p.No. SAR 1503	8155 01 770		Da	te: 21/08/2024	
SA	MPLE ID: EETNE	/AUG/01/24		UL	R NO.:TC766924	000000186F
Iss	ued to 💠 🛚 🛚	1/s. K.D. Ceme	nts, Vill: Bhomra	guri, P.O. Ra	ingagora, Dist :	Nagaon, Assam.
Sar	mple Drawn By		: UTPAI	BEZBARUA	н	
Sar	mpling Plan & P	rocedure		/SOP/01		
	alysis Duration		: 16/08	/2024 TO 21	L/08/2024	
Pol	npling Instrum lution Control E	ent Used	: STACK : NO/YE	SAMPLER/S	STACK KIT	
		cerice, in any	: NO/TE	.5		
SL.	DATE OF	STACK DE	SCRIPTION	DADAN	IETERS	
10.	SAMPLING				te Matter	REMARKS
		Stock attact			whr)	-Data is within
)	16/08/2024	Stack attache 250 KV		0.0	015	the permissible limit
		s for Diesel End	ine for generato	or set :		
	Engine Pow			meter		
	56KW <p≤5< td=""><td></td><td></td><td>ate Matter</td><td></td><td>Standards</td></p≤5<>			ate Matter		Standards
		Joonth	Particula	ate Matter		0.02 g/kwhr
SL. NO.		STACK	DESCRIPTION	1	ARAMETERS	REMARKS
ii)	16/08/2024	Charles H.			(mg/Nm ³)	 DG set is with acoustic enclosure.
,	10/03/2024	Stack attach 1500 K			62.8	
Emi	ssion Standards	:				
		meter			Standard	ds
	Particula	ate matter			75mg/N	m ³
Met	thod of analys	is: IS 11255	Part-III:2008	RA		
			For Envis	ion Enviro T	achitatha N	orth East, Guwahati
	ant			/	Sundingles N	orun East, Guwanati
	april 1slam			G	(Idlo)	(D)
K	hairul Islam Sh	eikh			tool Porhati-3	6
	vironmental Ch				tpal Bezbaruah chnical Manage	4
				Authorized	d Signatory/ Rev	viewed by
Note:	i) The results re	late to the tested	parameters & ite	ma annala		
	 The test report 	t shall not be rep	produced except in	full, without		f laboratory.
	4		END OF F	REPORT		
-				And in case of the local division of the loc		

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				TEST	REP	ORT			
	AMBIENT AI	R ANA	LYSIS REPORT						
	Rep.No. AAAR_1 SAMPLE ID: EET	NE/SEF	5_01_804 YT/01/24			D	ate: 09/09 ULR NO.:TO	/2024 76692400000	0196F
	Issued to :	M/	s. K.D. Cements, Vi	ill: Bhom	iragur	i, P.O. Rang	agora, Dist	: Nagaon, Ass	am.
	Sample Drawn B			UTPAL	BEZE	BARUAH			
	Sampling Plan &		dure :	EETNE/	SOP/	01			
	Analysis Duratio		:	03/09/3	2024,	04/09/202	4 TO 09/0	9/2024	
	Sampling Instru Pollution Contro	ment U	sed :	AMBIEN	TAIR	SAMPLER/	RDS		
		· Derie	s, ii aliy	: YES/NO	0				
	DATE OF			~					
L.	DATE OF SAMPLING	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ATION/ SOURCE	MEAT			PARAM	ETERS	
0.			OURCE	WEAT	HER	PM10	PM _{2.5}	NO	
_						$(\mu g/m^3)$	(µg/m ³)	NO ₂ (µg/m ³)	SO ₂ (μg/m ³)
)	03/09/2024	Near	Main Gate			60.8	24.8	21.4	11.7
i)	55/05/2024	Near	Mill House		5	53.6	34.5	24.9	17.8
i)	04/09/2024	Near	Clinker Go down	Clea	ır	59.6	34.8	20.1	13.6
)			Green Belt Area			57.8	32.9	21.6	12.9
F	Remarks: - Samp	lings de	one under annual b	ased.				-1.0	12.9
N		-~~	SO ₂ = IS:5182 Part-II CPCB, PM _{2.5} = USEPA R QUALITY STANDA	FRM 40CI	NO2 =] FR Pari	15:5182 Part- t 50, 53 Appen	•V1/ CPCB ndix- L FEM (Candidate Metho	d-I
<u>N</u>		-~~	CPCD, $PM_{2.5} = USEPA$	FRM 40CI	FR Part	t 50, 53 Appe	ndix- L FEM (ncentration in A	mbient Air
<u>N</u>	Pollutant	-~~	CPCB, PM2.5 = USEPA COUALITY STANDA Test Method IS:5182 Part-II/	FRM 40CI	FR Part	t 50, 53 Apper : Weighted Av al	ndix- L FEM (verage In an		mbient Air
No.	Pollutant Sulphur (SO ₂), µg/m ³	ENT AIF	CPCB, PM2.5 = USEPA	FRM 40CI	FR Part	t 50, 53 Apper : Weighted Av al 24 I	ndix- L FEM (verage II	ncentration in A Idustrial, Resid d Other Area 50 8	mbient Air
<u>No.</u> 1	Pollutant Sulphur (SO ₂), µg/m ³ Nitrogen I (NO ₂), µg/m ³	ENT AIF	Test Method IS:5182 Part-II/ CPCB IS:5182 Part-VI/ CPCB	FRM 40CI	Time Annu	t 50, 53 Apper Weighted Av al 24 I al 24 I	ndix- L FEM (verage In an	ncentration in A Idustrial, Resid d Other Area 50 8 40	mbient Air ential, Rural 30
<u>N</u> No. 1	Pollutant Sulphur (SO ₂), µg/m ³	ENT AIF	Test Method IS:5182 Part-II/ CPCB IS:5182 Part-VI/	FRM 40CI	Time	t 50, 53 Apper e Weighted Av al 24 I al 24 I al	ndix- L FEM (verage In an hours	ncentration in A Idustrial, Resid d Other Area 50 8 40 8 60	mbient Air ential, Rural 30
<u>No.</u> 1	ATIONAL AMBII Pollutant Sulphur (SO ₂), μg/m ³ Nitrogen (NO ₂), μg/m ³ Particulate (PM ₁₀), μg/m ³ Particulate	ENT AIF	Test Method IS:5182 Part-II/ CPCB IS:5182 Part-VI/ CPCB IS:5182 Part-VI/ CPCB IS:5182 Part-XXIII, USEPA FRM 40CFR P	FRM 40CI	Time Annu	t 50, 53 Apper Weighted Av al 24 I al 24 I al 24 J	verage Cc hours	ncentration in A Idustrial, Reside d Other Area 50 8 40 8 60 10	mbient Air ential, Rural 30
<u>N</u> SI. No. 1 2 3	Pollutant Sulphur (SO ₂), µg/m ³ Nitrogen I (NO ₂), µg/m ³ Particulate (PM ₁₀), µg/m ³	ENT AIF	Test Method IS:5182 Part-II/ CPCB IS:5182 Part-VI/ CPCB IS:5182 Part-VI/ CPCB IS:5182 Part-XXIII, USEPA FRM 40CFR P 53 Appendix- L FEM	FRM 40Cl RDS: / CPCB	Time Annu Annu	t 50, 53 Apper e Weighted Av al 24 I al 24 I al 24 h al	ndix- L FEM (verage 1) hours hours	oncentration in A idustrial, Residu d Other Area 50 8 40 8 60 10 40	mbient Air ential, Rural 80 10
<u>N</u> SI. No. 1 2 3	ATIONAL AMBII Pollutant Sulphur (SO ₂), μg/m ³ Nitrogen (NO ₂), μg/m ³ Particulate (PM ₁₀), μg/m ³ Particulate	ENT AIF	Test Method IS:5182 Part-II/ CPCB IS:5182 Part-VI/ CPCB IS:5182 Part-VI/ CPCB IS:5182 Part-XXIII, USEPA FRM 40CFR P	FRM 40Cl RDS: / CPCB	Time Annu Annu	t 50, 53 Apper e Weighted Av al 24 I al 24 I al 24 h al	ndix- L FEM (verage In an hours	oncentration in A idustrial, Residu d Other Area 50 8 40 8 60 10 40	mbient Air ential, Rural 30
<u>No.</u> 1 2 3	ATIONAL AMBII Pollutant Sulphur (SO ₂), μg/m ³ Nitrogen (NO ₂), μg/m ³ Particulate (PM ₁₀), μg/m ³ Particulate	Dioxide Dioxide Matter Matter	CPCB, PM2.5 = USEPA 2 QUALITY STANDA Test Method IS:5182 Part-II/ CPCB IS:5182 Part-VI/ IS:5182 Part-VI/ CPCB IS:5182 Part-	FRM 40CI	Time Annu Annu Annu Enviro	e Weighted Av al 24 I al 24 I al 24 h al 24 h c Technolog Utpal E (Technica	rerage Tri Annurs Nours Ours Gies North Bezbaruah al Manage	encentration in A ndustrial, Residu d Other Area 50 8 40 60 10 40 6 East, Guwaha	mbient Air ential, Rural 80 10 10
<u>No.</u> 1 2 3 4	ATIONAL AMBII Pollutant Sulphur (SO ₂), µg/m ³ Nitrogen (NO ₂), µg/m ³ Particulate (PM ₁₀), µg/m ³ Particulate (PM _{2.5}), µg/m ³ Khairul Islam S Environmental (Dioxide Dioxide Matter Matter Sheikh Chemist	CPCB, PM2.5 = USEPA 2 QUALITY STANDA Test Method IS:5182 Part-II/ CPCB IS:5182 Part-VI/ IS:5182 Part-VI/ CPCB IS:5182 Part-	/ CPCB	FR Pari Time Annu Annu Annu Enviro	e Weighted Av al 24 l al 24 h al 24 h c Technolog Utpal E (Technica horized Sig	rerage In hours hours ours dezbaruah al Manage natory/Rev	encentration in A ndustrial, Residu d Other Area 50 8 40 8 60 10 40 6 East, Guwaha	mbient Air ential, Rural 80 10 10
<u>No.</u> 1 2 3 4	ATIONAL AMBII Pollutant Sulphur (SO ₂), µg/m ³ Nitrogen (NO ₂), µg/m ³ Particulate (PM ₁₀), µg/m ³ Particulate (PM _{2.5}), µg/m ³ Khairul Islam S Environmental (Dioxide Dioxide Dioxide Matter Matter Sheikh Chemist relate to ort shall	CPCB, PM2.5 = USEPA 2 QUALITY STANDA Test Method IS:5182 Part-II/ CPCB IS:5182 Part-VI/ CPCB	FRM 40CI RDS: / CPCB Part 50, nvision I ers & item xcept in f	FR Pari Time Annu Annu Annu Enviro Auti s samj ull, wit	e Weighted Av al 24 I al 24 I al 24 I al 24 I al 24 I al 24 I contechnolog Utpal E (Technica horized Sign ple.	ndix- L FEM (verage In nours nours ours gies North Bezbaruah al Manage natory/Rev approval of	encentration in A ndustrial, Residu d Other Area 50 8 40 8 60 10 40 6 East, Guwaha	mbient Air ential, Rural 80 10 10
<u>No.</u> 1 2 3 4	ATIONAL AMBII Pollutant Sulphur (SO ₂), µg/m ³ Nitrogen (NO ₂), µg/m ³ Particulate (PM ₁₀), µg/m ³ Particulate (PM _{2.5}), µg/m ³ Khairul Islam S Environmental (Dioxide Dioxide Dioxide Matter Matter Sheikh Chemist relate to ort shall	CPCB, PM2.5 = USEPA 2 QUALITY STANDA Test Method IS:5182 Part-II/ CPCB IS:5182 Part-VI/ CPCB Solution Candidate Method-I For Er the tested parameter	FRM 40CI RDS: / CPCB Part 50, nvision I ers & item xcept in f	FR Pari Time Annu Annu Annu Enviro Auti s samj ull, wit	e Weighted Av al 24 I al 24 I al 24 I al 24 I al 24 I al 24 I contechnolog Utpal E (Technica horized Sign ple.	ndix- L FEM (verage In nours nours ours gies North Bezbaruah al Manage natory/Rev approval of	encentration in A ndustrial, Residu d Other Area 50 8 40 8 60 10 40 6 East, Guwaha	mbient Air ential, Rural 80 10 10
<u>No.</u> 1 2 3 4	ATIONAL AMBII Pollutant Sulphur (SO ₂), µg/m ³ Nitrogen (NO ₂), µg/m ³ Particulate (PM ₁₀), µg/m ³ Particulate (PM _{2.5}), µg/m ³ Khairul Islam S Environmental (Dioxide Dioxide Dioxide Matter Matter Sheikh Chemist relate to ort shall	CPCB, PM2.5 = USEPA 2 QUALITY STANDA Test Method IS:5182 Part-II/ CPCB IS:5182 Part-VI/ CPCB	FRM 40CI RDS: / CPCB Part 50, nvision I ers & item xcept in f	FR Pari Time Annu Annu Annu Enviro Auti s samj ull, wit	e Weighted Av al 24 I al 24 I al 24 I al 24 I al 24 I al 24 I contechnolog Utpal E (Technica horized Sign ple.	ndix- L FEM (verage In nours nours ours gies North Bezbaruah al Manage natory/Rev approval of	Andustrial, Residu d Other Area 50 8 40 8 60 10 40 East, Guwaha r) riewed by laboratory.	mbient Air ential, Rural 30 10 10 0
<u>N</u> 561. No. 1 2 3 4 (ATIONAL AMBII Pollutant Sulphur (SO ₂), µg/m ³ Nitrogen (NO ₂), µg/m ³ Particulate (PM ₁₀), µg/m ³ Particulate (PM _{2.5}), µg/m ³ Khairul Islam S Environmental (Dioxide Dioxide Dioxide Matter Matter Sheikh Chemist relate to ort shall	CPCB, PM2.5 = USEPA 2 QUALITY STANDA Test Method IS:5182 Part-II/ CPCB IS:5182 Part-VI/ CPCB	FRM 40CI RDS: / CPCB Part 50, nvision I ers & item xcept in f	FR Pari Time Annu Annu Annu Enviro Auti s samj ull, wit	e Weighted Av al 24 I al 24 I al 24 I al 24 I al 24 I al 24 I contechnolog Utpal E (Technica horized Sign ple.	ndix- L FEM (verage In nours nours ours gies North Bezbaruah al Manage natory/Rev approval of	Andustrial, Residu d Other Area 50 8 40 8 60 10 40 East, Guwaha r) riewed by laboratory.	mbient Air ential, Rural 80 10 10

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Rep.N SAMP	lo. 240909_1503 LE ID: EETNE/SE	155_01_805 PT/01/24	Date: 0 ULR NO	9/09/2024 .:TC766924000000196F
M/s. I Vill: B P.O. R	<u>& Address</u> : K.D. Cements, Shomraguri, Rangagora, Nagaon, Assam.			
SL. NO.	DATE OF SAMPLING	LOCATION/ SOURCE	Fugitive (SPM) (µg/m³)	Remarks
)	03/09/2024	Near Mill House	929	-Water spraying is done to control the fugitive emission.
)	04/00/2024	Near Fly Ash Conveyor Belt	1024	-All materials are stored in
	04/09/2024			closed chede to mitiante
1etho		Near Packing Section itive= IS 5182(PART IV) 19 DS	1320 99/CPCB	closed sheds to mitigate fugitive emission.
1etho	od used for Fug	itive= IS 5182(PART IV) 19 DS	99/CPCB	closed sheds to mitigate
nstru	od used for Fug	itive= IS 5182(PART IV) 19 DS For Envision E	99/CPCB	closed sheds to mitigate fugitive emission.
1etho nstri	Europhysics	itive= IS 5182(PART IV) 19 DS For Envision E	99/CPCB nviro Technologi Utpal Bo	closed sheds to mitigate fugitive emission.
1etho nstri	bd used for Fug ument used= R www.sed= R hairul Islam Sheil	itive= IS 5182(PART IV) 19 DS For Envision E kh hist)	99/CPCB nviro Technologio Utpal Bo (Technical	closed sheds to mitigate fugitive emission.
Ki (Env	bd used for Fug ument used= R www.sor hairul Islam Sheil ironmental Chen	itive= IS 5182(PART IV) 19 DS For Envision E kh hist)	99/CPCB nviro Technologi Utpal Be (Technical Authorized Signat	closed sheds to mitigate fugitive emission.

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TEST REPORT

AMBIENT NOISE LEVEL MEASUREMENT REPORT Rep.No. ANLMR_1503155_06A_806

SAMPLE ID: EETNE/SEPT/01/24

Date: 09/09/2024 ULR NO.:TC766924000000196F

Issued to : M/s. K.D. Cements, Vill: Bhomraguri, P.O. Rangagora, Dist : Nagaon, Assam.

DATE OF SAMPLING	LOCATION /SOURCE	NOISE LEVEL in dB(A)Leq		
		Day Time (6:00 am to 10:00 pm)		
	Near Green Belt Area	54.8		
03/09/2024	/09/2024 Near Cement Mill	67.2		
	Near Main Gate	69.6		
04/09/2024	Near Office Building	56.8		
	SAMPLING 03/09/2024	SAMPLING LOCATION /SOURCE Near Green Belt Area Near Cement Mill Near Main Gate		

Remarks: Noise level is carried out during 75% of the Day Time. Method of analysis : : IS 9989 :1981RA :2014 Sampling Instrument Used : SLM100 SL.NO.484-I-22, SLM 100 (213 DTC-2013)

Ambient Noise Standards:

Area Code	Category of area	Limit	ts in dB(A) Leq	
coue		Day (6:00 am to 10:00 pm)	Night (10:00 pm to 6:00 am)	
A	Industrial Area	75	70	
В	Commercial Area	65	55	
С	Residential Area	55		
D	Silence Zone		45	
	Sherice zone	50	40	

Khairul Islam Sheikh (Environmental Chemist) For Envision Enviro Technologies North East, Guwahati

Utpal Bezbaruah (Technical Manager) Authorized Signatory/ Reviewed by

Note: i) The results relate to the tested parameters & items sample. ii) The test report shall not be reproduced except in full, without written approval of laboratory.

-----END OF REPORT-----





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TC-7669 TEST REPORT D.G SET NOISE LEVEL MEASUREMENT REPORT Rep.No. DGNLMR_1503155_06A_807 Date: 09/09/2024 SAMPLE ID: EETNE/SEPT/01/24 ULR NO.:TC766924000000196F Name & Address: M/s. K.D. Cements, Vill: Bhomraguri, P.O. Rangagora, Dist : Nagaon, Assam. SL. DATE OF LOCATION DG Background Measured NO. Actual Sound SAMPLING Pressure **/SOURCE** Noise Sound Level of DG in dB(A) i) 250 KVA - DG Set 58.2 69.2 03/09/24 68.8 ii) 1500 KVA - DG Set 58 71.8 71.6 Remarks: Noise level is carried out during day time at a distance 1metre from the enclosure Method of analysis : IS 4758 :1968RA :2017 Sampling Instrument Used : SLM100 SL.NO.484-I-22, SLM 100 (213 DTC-2013) DG Set Noise Standards: Noise limit viz. 75 dB(A) at 1m distance. For Envision Enviro Technologies North East, Guwahati Khairul Islam Sheikh Utpal Bezbaruah (Environmental Chemist) (Technical Manager) Authorized Signatory/ Reviewed by Note: i) The results relate to the tested parameters & items sample. ii) The test report shall not be reproduced except in full, without written approval of laboratory. -----END OF REPORT-----



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TEST REPORT STACK ANALYSIS REPORT Rep.No. SAR_1503155_01 808 Date: 09/09/2024 SAMPLE ID: EETNE/SEPT/01/24 ULR NO.:TC766924000000196F : M/s. K.D. Cements, Vill: Bhomraguri, P.O. Rangagora, Dist : Nagaon, Assam. Issued to Sample Drawn By : UTPAL BEZBARUAH Sampling Plan & Procedure : EETNE/SOP/01 **Analysis Duration** : 03/09/2024 TO 09/09/2024 Sampling Instrument Used : STACK SAMPLER/STACK KIT Pollution Control Device, if any : YES/NO PARAMETERS REMARKS SI. DATE OF STACK NO. SAMPLING DESCRIPTION Particulate Matter Bag filter is attached to (mg/Nm^3) Cement mill. Stack attached to 50% bag house is i) 03/09/2024 CEMENT MILL 24.8 replaced to mitigate the effect of particulate matter. **Emission Standards :** Category of Industry Parameter Standards Cement Particulate matter 30mg/Nm³ Method of analysis: IS 11255 Part-III:2008 RA For Envision Enviro Technologies North East, Guwahati Khairul Islam Sheikh Utpal Bezbaruah (Environmental Chemist) (Technical Manager) Authorized Signatory/ Reviewed by Note: i) The results relate to the tested parameters & items sample. ii) The test report shall not be reproduced except in full, without written approval of laboratory. -----END OF REPORT-----

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TEST REPORT STACK ANALYSIS REPORT Rep.No. SAR_1503155_01_809 Date: 09/09/2024 SAMPLE ID: EETNE/SEPT/01/24 ULR NO.:TC766924000000196F : M/s. K.D. Cements, Vill: Bhomraguri, P.O. Rangagora, Dist : Nagaon, Assam. Issued to Sample Drawn By : UTPAL BEZBARUAH Sampling Plan & Procedure : EETNE/SOP/01 Analysis Duration : 03/09/2024 TO 09/09/2024 Sampling Instrument Used : STACK SAMPLER/STACK KIT Pollution Control Device, if any : NO/YES SL DATE OF STACK DESCRIPTION PARAMETERS REMARKS NO. SAMPLING Particulate Matter (g/kwhr) -Data is within Stack attached to DG setthe permissible limit 03/09/2024 i) 250 KVA 0.017 Emission Standards for Diesel Engine for generator set : Engine Power(P) Parameter Standards 56KW<P≤560KW Particulate Matter 0.02 g/kwhr PARAMETERS REMARKS SL. DATE OF STACK DESCRIPTION NO. SAMPLING Particulate Matter - DG set is with acoustic (mg/Nm^3) enclosure. ii) 03/09/2024 Stack attached DG Set-1500 KVA 64.7 Emission Standards : Parameter Standards Particulate matter 75mg/Nm Method of analysis: IS 11255 Part-III:2008 RA For Envision Enviro Technologies North East, Guwahati Khairul Islam Sheikh Utpal Bezbaruah (Environmental Chemist) (Technical Manager) Authorized Signatory/ Reviewed by Note: i) The results relate to the tested parameters & items sample. ii) The test report shall not be reproduced except in full, without written approval of laboratory. -----END OF REPORT-----Page 1 of 1

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TEST REPORT

AMBIENT AIR ANALYSIS REPORT Rep.No. AAAR_1503155_01_650

SAMPLE ID: EETNE/MAY/03/24

Date: 16/05/2024 ULR NO.:TC766924000000154F

Issued to

M/s. K.D. Cements, Vill: Bhomraguri, P.O. Rangagora, Dist : Nagaon, Assam. :

Sample Drawn By Sampling Plan & Procedure **Analysis Duration** Sampling Instrument Used Pollution Control Device, if any

: UTPAL BEZBARUAH : EETNE/SOP/01 : 10/05/2024, 11/05/2024 TO 16/05/2024 : AMBIENT AIR SAMPLER/RDS : YES/NO

SL.	DATE OF SAMPLING	LOCATION/ SOURCE	PARAMETERS				
NO.		-		ΡM ₁₀ (μg/m ³)	PM _{2.5} (μg/m ³)	NO ₂ (μg/m ³)	SO ₂ (μg/m ³)
i)	10/05/2024	Near Main Gate		60.5	33.9	21.6	11.9
ii)	10/05/2024	Near Mill House	1	58.6	33.1	22.9	14.5
iii)	11/05/2024	Near Clinker Go down	Clear	57.2	34.1	20.9	11.6
iv)	11/05/2024	Near Green Belt Area	-	56.1	29.6	18.9	13.6

Samplings done under annual based.

Method of analysis: For SO₂ = IS:5182 Part-II/ CPCB, NO₂ = IS:5182 Part-VI/ CPCB PM₁₀ = IS:5182 Part-XXIII/CPCB, PM_{2.5} = USEPA FRM 40CFR Part 50, 53 Appendix- L FEM Candidate Method-I

NATIONAL AMBIENT AIR QUALITY STANDARDS:

SI.	Pollutant	Test Method	122 - 225 - 274	Concentration in Ambient Air
			Time Weighted Average	Industrial, Residential, Rural and Other Area
1	Sulphur Dioxide (SO ₂), µg/m ³	IS:5182 Part-II/ CPCB	Annual	50
2			24 hours	80
2	Nitrogen Dioxide (NO ₂), µg/m ³	IS:5182 Part-VI/	Annual	40
3		СРСВ	24 hours	80
3	Particulate Matter (PM ₁₀), µg/m ³	IS:5182 Part-XXIII/ CPCB	Annual	60
4			24 hours	100
4	Particulate Matter (PM _{2.5}), µg/m ³	USEPA FRM 40CFR Part 50, 53 Appendix- L FEM	Annual	40
		Candidate Method-I	24 hours	60

(Environmental Chemist)

For Envision Enviro Technologies North East, Guwahati

Khairul Islam Sheikh

Utpal Bezbaruah

(Technical Manager)

Authorized Signatory/Reviewed by

Note: i) The results relate to the tested parameters & items sample.

ii) The test report shall not be reproduced except in full, without written approval of laboratory.

-----END OF REPORT-----

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TEST REPORT FUGITIVE EMISSION ANALYSIS REPORT Date: 16/05/2024 Rep.No. 240516_1503155_01_651 ULR NO.:TC766924000000154F SAMPLE ID: EETN/MAY/03/24 Name & Address: M/s. K.D. Cements, Vill: Bhomraguri, P.O. Rangagora, Dist : Nagaon, Assam. SL. DATE OF NO. SAMPLING LOCATION/ SOURCE Fugitive (SPM) Remarks $(\mu g/m^3)$ -Water spraying is done to 10/05/2024 Near Mill House 1227 i) control the fugitive emission. ii) Near Fly Ash Conveyor Belt 1126 -All materials are stored in closed sheds to mitigate 11/05/2024 iii) **Near Packing Section** 1227 fugitive emission. Method used for Fugitive= IS 5182(PART IV) 1999/CPCB Instrument used = RDS For Envision Enviro Technologies North East, Guwahati Khairul Islam Sheikh **Utpal Bezbaruah** (Technical Manager) (Environmental Chemist) Authorized Signatory /Reviewed by Note: i) The results relate to the tested parameters & items sample. ii) The test report shall not be reproduced except in full, without written approval of laboratory. -----END OF REPORT-----

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TEST REPORT AMBIENT NOISE LEVEL MEASUREMENT REPORT Rep.No. ANLMR_1503155_06A_652 Date: 16/05/2024 SAMPLE ID: EETNE/MAY/03/24 ULR NO.:TC766924000000154F Issued to : M/s. K.D. Cements, Vill: Bhomraguri, P.O. Rangagora, Dist : Nagaon, Assam. SL. DATE OF NO. SAMPLING LOCATION /SOURCE NOISE LEVEL in dB(A)Leq Day Time (6:00 am to 10:00 pm) i) Near Green Belt Area 57.6 10/05/2024 II) Near Cement Mill 71.3 III) Near Main Gate 68.6 11/05/2024 iv) Near Office Building 69.3 Remarks: Noise level is carried out during 75% of the Day Time. Method of analysis : : IS 9989 :1981RA :2014 Sampling Instrument Used : SLM100 SL.NO.484-I-22, SLM 100 (213 DTC-2013) **Ambient Noise Standards:** Area Category of area Limits in dB(A) Leq Code Day (6:00 am to 10:00 pm) Night (10:00 pm to 6:00 am) A **Industrial Area** 75 70 В **Commercial Area** 65 55 C **Residential Area** 55 45 D Silence Zone 50 40

Khairul Islam Sheikh (Environmental Chemist) For Envision Enviro Technologies North East, Suwahati

Utpal Bezbaruah (Technical Manager) Authorized Signatory/ Reviewed by

Note: i) The results relate to the tested parameters & items sample.

ii) The test report shall not be reproduced except in full, without written approval of laboratory.

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		TEST REPORT		
D.G SET N	DISE LEVEL MEASU	JREMENT REPOR	RT	
Rep.No. DGN	LMR_1503155_06A_65	53	Date: 16/0	5/2024
SAMPLE ID: I	ETNE/MAY/03/24			766924000000154F
<u>Name & Addı</u> M/s. K.D. Ce Vill: Bhomra P.O. Rangag Dist : Nagao Assam.	ments, guri, ora,			•.
L. DATE OF IO. SAMPLING	LOCATION /SOURCE	DG Background Noise	Measured Sound	Actual Sound Pressur Level of DG in dB(A)
i) 10/05/24	250 KVA - DG Set	57.3	69.3	69
i)	1500 KVA - DG Set	57.8	71.2	71.3
Remarks: No surface. Method of an Sampling Ins		A :2017 00 SL.NO.484-I-22,	t a distance 1me SLM 100 (213 D	etre from the enclosure
Remarks: No surface. Method of an Sampling Ins	ise level is carried out alysis : IS 4758 :1968R trument Used : SLM10	A :2017 00 SL.NO.484-I-22,	t a distance 1me SLM 100 (213 D distance.	etre from the enclosure TC-2013)
Remarks: No surface. Method of an Sampling Ins	ise level is carried out alysis : IS 4758 :1968R trument Used : SLM10	XA :2017 00 SL.NO.484-I-22, viz. 75 dB(A) at 1m	t a distance 1me SLM 100 (213 D distance.	etre from the enclosure TC-2013)
Remarks: No surface. Method of an Sampling Ins DG Set Noise Khairul Is	ise level is carried out alysis : IS 4758 :1968R trument Used : SLM10 <u>Standards</u> : Noise limit	XA :2017 00 SL.NO.484-I-22, viz. 75 dB(A) at 1m	t a distance 1me SLM 100 (213 D distance.	orth East, Guwahati
Remarks: No surface. Method of an Sampling Ins DG Set Noise Khairul Is	ise level is carried out alysis : IS 4758 :1968R trument Used : SLM10 <u>Standards</u> : Noise limit	A :2017 00 SL.NO.484-I-22, viz. 75 dB(A) at 1m For Envision Envir	t a distance 1md SLM 100 (213 D distance. o Technologies) Utpal Bezk (Technical N	orth East, Guwahati
Remarks: No surface. Method of an Sampling Ins DG Set Noise Khairul Isl (Environmer	ise level is carried out alysis : IS 4758 :1968R trument Used : SLM10 <u>Standards</u> : Noise limit	A :2017 00 SL.NO.484-I-22, viz. 75 dB(A) at 1m For Envision Envir Auti	t a distance 1md SLM 100 (213 D distance. o Technologies Utpal Bezk (Technical M norized Signator	etre from the enclosure TC-2013) North East, Guwahati Joaruah Manager) Ty/ Reviewed by
Remarks: No surface. Method of an Sampling Ins DG Set Noise Khairul Isl (Environmer	ise level is carried out alysis : IS 4758 :1968R trument Used : SLM10 <u>Standards</u> : Noise limit Standards : Noise limit am Sheikh atal Chemist) sults relate to the tested p	A :2017 00 SL.NO.484-I-22, viz. 75 dB(A) at 1m For Envision Envir Auti	t a distance 1md SLM 100 (213 D distance. o Technologies Utpal Bezt (Technical M norized Signator mple. without written app	etre from the enclosure TC-2013) North East, Guwahati Joaruah Manager) Ty/ Reviewed by

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TEST REPORT STACK ANALYSIS REPORT Rep.No. SAR_1503155_01_654 Date: 16/05/2024 SAMPLE ID: EETNE/MAY/03/24 ULR NO.:TC766924000000154F : M/s. K.D. Cements, Vill: Bhomraguri, P.O. Rangagora, Dist : Nagaon, Assam. Issued to Sample Drawn By : UTPAL BEZBARUAH Sampling Plan & Procedure : EETNE/SOP/01 **Analysis Duration** : 11/05/2024 TO 16/05/2024 Sampling Instrument Used : STACK SAMPLER/STACK KIT Pollution Control Device, if any : YES/NO PARAMETERS REMARKS SL. DATE OF STACK NO. SAMPLING DESCRIPTION **Particulate Matter** Bag filter is attached to (mg/Nm^3) Cement mill. Stack attached to 50% bag house is i) 11/05/2024 CEMENT MILL 28.7 replaced to mitigate the effect of particulate matter. **Emission Standards :** Category of Industry Parameter Standards Cement Particulate matter 30mg/Nm³ Method of analysis: IS 11255 Part-III:2008 RA For Envision Enviro Technologies North East, Guwahati Khairul Islam Sheikh Utpal Bezbaruah (Environmental Chemist) (Technical Manager) Authorized Signatory/ Reviewed by Note: i) The results relate to the tested parameters & items sample. ii) The test report shall not be reproduced except in full, without written approval of laboratory. -----END OF REPORT-----

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House No. 6, 1st Floor, Sankardev Path, Pub-Sarania, Chandmarl, Guwahati-781003, Assam





	ACK ANALYSI p.No. SAR_1503 MPLE ID: EETNE	3155 01 655		Date: 1 ULR NO	6/05/2024 .:TC766924	000000154F
Iss	ued to : M	4/s. K.D. Cemer	nts, Vill: Bhomra	aguri, P.O. Rangago	ra, Dist : N	agaon, Assam.
	mple Drawn By mpling Plan & P			LBEZBARUAH		
Ana Sar	alysis Duration npling Instrum lution Control I	ent Used	: 10/05	E/SOP/01 5/2024 TO 16/05/2 & SAMPLER/STACK ES	2024 KIT	
SL. NO.	DATE OF SAMPLING	STACK DES	SCRIPTION	PARAMETER Particulate Mat		REMARKS
i)	10/05/2024	Stack attache 250 KV	A	(g/kwhr) 0.015		-Data is within the permissible limit
Em	ission Standard	s for Diesel Eng	ine for generat	or set :		
	Engine Pow			ameter		Standards
	56KW <p≤< td=""><td>560KW</td><td>Particul</td><td>ate Matter</td><td></td><td>0.02 g/kwhr</td></p≤<>	560KW	Particul	ate Matter		0.02 g/kwhr
ii)	10/05/2024	1500 K		(mg/N 64		enclosure.
,						
	ssion Standards					
	Para	s : ameter ate matter			Standards 75mg/Nm	
Emi	Para Particula	ameter	Part-III:2008	RA	Standards 75mg/Nm	
Emi	Para Particula	ameter ate matter			75mg/Nm	
<u>Emi</u> Me	Para Particula thod of analys	ameter ate matter sis: IS 11255			75mg/Nm	3
<u>Emi</u> Me	Para Particula thod of analys	ameter ate matter sis: IS 11255 eikh		sion Enviro Techn Utpal	75mg/Nm ologies No ezbaruah	3 fth East, Guwahati
<u>Emi</u> Me	Para Particula thod of analys	ameter ate matter sis: IS 11255 eikh		sion Enviro Techn Utpal	75mg/Nm ologies No ezbaruah	th East, Guwahati
Emi Me k (En	Para Particula thod of analys Chairul Islam Sh vironmental Ch	ameter ate matter sis: IS 11255 eikh nemist)	For Envi	sion Enviro Techn Utpal & (Technica Authorized Sign	75mg/Nm ologies No ezbaruah Manager atory/ Revi	a rth East, Guwahati) ewed by
Emi Me k (En	Para Particula thod of analys Chairul Islam Sh vironmental Ch	ameter ate matter sis: IS 11255 eikh nemist) elate to the tested rt shall not be rep	For Envis	sion Enviro Techn Utpal (Technica Authorized Sign	75mg/Nm ologies No ezbaruah Manager atory/ Revi	a rth East, Guwahati) ewed by









Note :- A total of 5000 saplings of 50 native species have been planted in our premises under the guidance of Dr. Shantanu K Dutta , Sc D of Central Pollution Control Board , Regional Directorate , Shillong . The method uses only local native species and it helps in development of Environmental Protection Forest .

ENVIRONMENTAL LABRATORY K.D.CEMENTS, VILL:BHOMRAGURI, P.O.RANGGAORA, DISTT- NAGAON (Assam)







